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MAY

1912

ONE YEAR 50¢.

THREE YEARS \$1.00

THE INDUSTRIOUS HEN

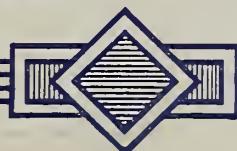
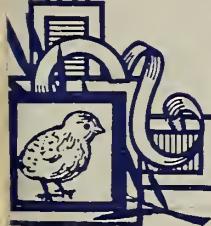
A MONTHLY MAGAZINE
FOR THE
COMMERCIAL AND FANCY POULTRYMAN



Trio of first prize winning White Indian Runner ducks at Atlanta and elsewhere, belonging to J. C. Patton, Charlotte, N. C. Note the small necks, straight back-line and upright carriage. This cut is from an untouched photo, showing customary carriage of these birds. Mr. Patton's birds won more prizes than any other flock in the South at the largest shows during past season.

THE INDUSTRIOUS HEN CO.
PUBLISHERS
KNOXVILLE TENNESSEE

Sec. of Agriculture
WASHINGTON, D. C.





"QUINTESSENT" ANCONAS

Winners at Madison Square, Philadelphia, Baltimore and elsewhere.
My Championship Pen contains more 1911 Madison Square winners, entered single, than any other S. C. Mating in America.

Set eggs now, chicks grow rapidly and mature early—they lay in 5 months.

8 Weeks Chicks

In trios and pens—little feathered beauties well on their way. I guarantee the sex. Book your order now and take advantage of early hatches.

Express prepaid on eggs. Safe delivery guaranteed.

H. E. PORTRUM : Rogersville, Tenn.

White PLYMOUTH ROCKS

Have been gaining in popularity so fast in the past few years until today they are without a doubt the most popular fowl bred. The cause for their popularity is their Great Egg-Producing Ability. No variety of fowls has been bred in line for fifteen years for egg production as have

U. R. Fishel's WHITE PLYMOUTH ROCKS

We have made egg production one of the main points, but have not lost sight of Standard requirements, therefore our birds have won the leading prizes at

Twenty-two of the Largest Shows, Five Expositions

proving to the world their superiority over all other White Rocks and upholding our claim to "THE BEST IN THE WORLD," which is conceded by every one. Remember our birds are Farm Reared, Strong, Vigorous birds, and we breed but one variety. If you want a bird to head your breeding pen this season, we can supply you with one that will stamp that Fishel quality on your birds and that will give your chicks strength, making them easy to rear. SELECTED BREEDERS in any number. UTILITY FOWLS—regular EGG MACHINES—in flocks to suit all.. Don't buy until you see my catalog. the best ever issued. Send 25c for it.

BABY CHICKS—From best Eggs, \$1.50; From Sale Stock, \$25.00 per One Hundred EGGS FOR HATCHING—\$10 per Fifteen. Sale Stock Eggs, \$10 per One Hundred

U. R. FISHEL, Box H, Hope, Indiana

W. D. Hearn, Proprietor

A. P. RYLAND, Manager.

HEARNDALE FARM

R. F. D. 1, Box H 135,

Pine Bluff, Arkansas

RYLAND'S WHITE LEGHORNS till on top, winning at the great Tri-State Fair, Memphis, Tenn., Sept. 27-Oct. 4, 1911, in the largest class ever gotten together in the South, 209 S. C. White Leghorns from six different States. We won 1st, 2d, 3d and 5th cock on five entries, 12 cocks in class; 1st, 4th and 5th pullets on three entries, 64 pullets in class; 5th cockerel on two entries, 38 in class. Have nice lot of breeders on hand, also show birds that come as near requirements for new standard as any we have seen—good long backs, with nice concave sweep to tail which is so hard to get. We also breed S. C. Rhode Island Reds, Black Orpingtons, Indian Runner Ducks, both light and dark fawn and white, White Holland Turkeys, Embden Geese, Registered Berkshire Hogs, Jersey Cattle and Southdown Sheep.

GLENVIEW ORPINGTONS

S. C. BUFFS EXCLUSIVELY

After 11 years with this best of all breeds, I am again shipping eggs for hatching at \$2.50 per setting of 15 eggs. This insures your getting some eggs from each of my carefully selected pens without paying fancy prices, and puts high quality chicks within reach of all. Orders promptly attended to, no circulars—\$2.50 per setting of 15.

B. S. HORNE

Keswick, Virginia

WORLD'S BEST RHODE ISLAND REDS and IMPORTED WHITE INDIAN RUNNER DUCKS

My 1st championship pen of Reds this season is headed by 2nd Madison Square, New York, Cock, January, 1910, and contains 1st Madison Square Pullet, December, 1910, valued at \$10,000.00, also 1st, 2nd, 3rd, 4th and 5th Madison Square pullets, January, 1910. The greatest pen of Reds ever put together. Write for free catalogue.

SOUTHERN POULTRY FARM : Wade Hampton, Prop. : ROGERSVILLE, TENN.

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When to Stop Advertising

An English journal requested a number of the largest advertisers to give their opinions concerning the best time to stop advertising, and the following replies were received:

When the population ceases to multiply and the generation that crowded on after you and never heard of you stop coming on.

When you have convinced everybody whose life will touch yours that you have better birds and lower prices than they get anywhere.

When you stop making fortunes solely through the direct use of this mighty agent.

When you forget the words of the shrewdest and most successful men concerning the main causes of their prosperity.

When younger and fresher breeders in your line cease starting up and using the papers in telling people how much better they can do for them than you can.

When you would rather have your own way and fail than take advice and win.

The above covers the ground. If you have any thought of discontinuing your advertisement, it will pay you to **FORGET IT.**

In going through our stock of books, we find that we have just a few copies of that splendid book, "Minorcas of Every Comb and Color," by Northup. We have decided to give these books absolutely free to old or new subscribers to this

magazine. To each of the first half dozen persons sending us 50 cents for a year's subscription to The Industrious Hen, either for yourself or for a friend, we will send a copy of the book, all charges prepaid. Or you may send us one dollar to pay for three subscriptions for one year and we will send you a copy of the book free, and a copy of "Hen and Chicks," the best poultry book published. "Minorcas of Every Comb and Color" was written by Mr. Geo. H. Northup, one of the foremost authorities on Minorcas this country has ever known. The book sells regularly at fifty cents, and should be in the hands of every Minorca breeder. Send your half dollar today, as this offer will be withdrawn when the present supply is exhausted.

A downright fact may be told in a plain way; and we want downright facts at the present more than anything else.—John Ruskin.

Never treat a customer as if he were a fool. It is a mistake too often made. You will be caught at some point along the line of false argument. A buyer is not to be fooled at all points.
—Judicious Advertising.

"What pulls today may fail tomorrow. Shift your gears to keep pace with the public." Change your ad. often.

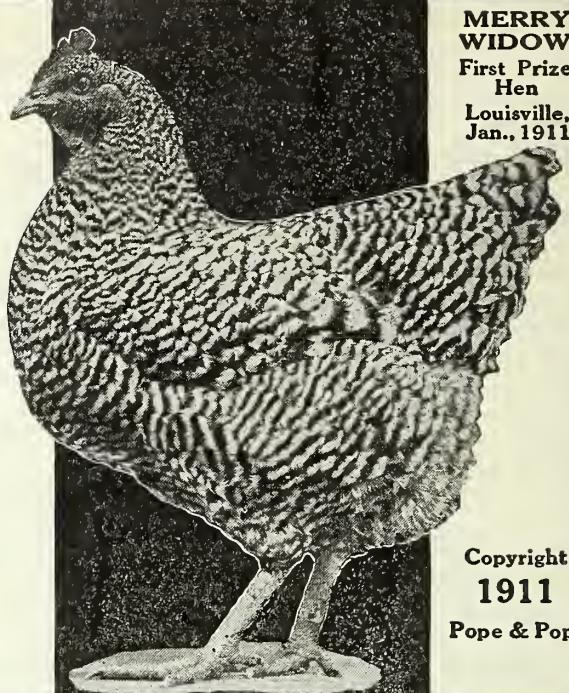
Barred Plymouth Rocks

Winners at Louisville, Frankfort, Owensboro Shows, and Kentucky State Fairs. 1st Cockerel, 1st Hen, 1st Pen, 2nd Pullet, 3rd Cock, 3rd Hen, 4th Cock, 4th Hen, 4th Cockerel, 4th Pullet, cash prize for best Pen, Louisville Poultry Show, Jan. 19, 1911. 1st Pullet, 2nd Pullet, 2nd Hen, 2nd Cock, 3rd Cockerel, cash prize for best Barred Plymouth Rocks, Kentucky State Fair, Sept. 12, 1910. 1st Cock, 1st Cockerel, 1st Pullet, Frankfort, Sept., 1909. 1st Hen, 1st Pullet, 2nd Cockerel, 3rd Cock, 3rd Cockerel, 3rd Pullet, cash prize for best Barred Plymouth Rocks, Kentucky State Fair, Sept. 1909. 1st Pullet, 1st Hen, 2nd Hen, 3rd Cock, 3rd Cockerel, 4th Cockerel, 4th Hen, 4th Pullet, special for best shaped female, silver cup for best Barred Plymouth Rocks, Louisville Poultry Show, Dec., 1909. All firsts, Owensboro, Oct. 1909. 1st Cockerel, 3rd Pullet, 3rd Cock, 4th Cockerel, 4th Hen, 4th Pullet, 5th Hen, 5th Pullet, blue ribbon for best display. Cash prize for best Barred Plymouth Rocks. Kentucky State Fair, September, 1911.

Eggs \$3.00 per 15
Eggs 5.50 " 30

Eggs \$ 7.50 per 50
Eggs 15.00 " 100

Prize matings \$4.00 per 15, straight



POPE & POPE Box H

Louisville, Ky.

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1911
Pope & Pope



BABY CHICKS AND EGGS FOR HATCHING

You will be interested in our catalog and mating List. It describes our Place, and our 40 Wonderful Pens of

WHITE LEGHORNS BUFF ORPINGTONS WHITE PLY. ROCKS

Our 6,000 Egg Capacity HALL MAMMOTH INCUBATOR, means chicks that are Strong and Vigorous. Just say "Send Catalog" on a postal, sign, and you'll get it by return mail.

BACON & HAYWOOD
88 Springfield Ave., GUYTON, GA.

STOP! LOOK! LISTEN! PARTRIDGE WYANDOTTES, the Best in South

I am the only breeder in the South and the second in the United States to win over American, Asiatic and English classes. My birds have never failed to win first where shown. At Asheville, N. C., December, 1910, I won silver cup for the highest scoring cock in show, all classes competing. At Appalachian Exposition I won 1st and 3d pullet, 1st and 3d cockerel, 2d and 3d hen. At Morristown, Tenn., Dec., 1911, in a very large class, I won 1st, 2d and 3d pullet, 1st, 2d and 3d cockerel, 1st and 2d hen, 2d cock and 1st pen. At Asheville, N. C., Dec., 1911, in a class of 103, I won 1st and 4th pullet, 1st hen, 1st cockerel, 1st pen and silver cup for the best hen in the show. Other winnings too numerous to mention. A few nice cockerels for sale for quick buyers. Eggs from above pens, \$3.00 for 15 eggs. Director in National Part. Wyandotte Club. Reference, Unaka Nat. Bank.

R. A. SWADLEY : : Johnson City, Tenn.



PRIZE WINNERS

HEN AND CHICKS

Best Poultry book published, with a year's subscription to The Industrious Hen for 75 cents, postpaid. Money back if not satisfied. Send money easiest way.

S. C. WHITE LEGHORNS THAT LAY, WEIGH AND WIN

There is as much difference existing between the breeds and strains of our poultry as among cattle. Our dairies raise cattle for the milk. The vast ranches of the West raise cattle for their marketable value in meat. POULTRY is different, for why should we sell a hen at three or four months old simply for her meat when the average **Grove's Strain of Single Comb White Leghorn** hens will lay 12 dozen eggs per year, which, at 20c per dozen, amounts to \$2.40. Her marketable value at three or four months would only have been, probably, 40c. The same hen at the end of her laying season, is worth 60c to 70c in the market, making her worth a total of \$3.00. She will have cost in feed only \$1.10. Where, and in what other breed, can you realize \$1.90 clear profit upon an investment of \$1.10?

Our 64 page Catalogue will be sent postpaid for 50c in stamps, which describes breeding, incubating, conditioning, etc., not scientifically, but by the common sense and nature method of raising poultry.

My Signature on Each and Every Egg Your Protection

Don't start until you are sure you are right.
If you do you'll fail, try as hard as you might.
If you raise poultry why not raise the best:
Breed the **E. W. GROVE** strain and watch the nest.

UTILITY EGGS, \$3.00 per Setting, and up.

No Stock for Sale } We cannot supply
No Baby Chicks for Sale } the demand.

Exhibition Eggs a matter of correspondence.

Eggs in large quantities a matter of correspondence.

As the merits of **LAXATIVE BROMO QUININE** and **GROVE'S TASTELESS CHILL TONIC**, invented by my father, have developed one of the largest medicine companies of the world, it is likewise my purpose to establish one of the largest **S. C. White Leghorn Farms** in America simply upon the merits. Not the best in the world, but as good as can be bred.

E. W. GROVE, Jr.

R. F. D. No. 1 : CLAYTON, MO.

*We envy no man his accomplishments,
For they are for better poultry.*

Specialty Breeders of S. C. WHITE LEGHORNS

Life Members of A. P. A. and National S. C. W. Leghorn Club.

EGGS AT HALF PRICE

FROM

FOWLS THAT LAY

Forget about "Systems" and so-called "Scientific management." It's all in the BLOOD and good care and feed. You can't gather "figs of thistles," nor eggs from hens with a predisposition to "lay low" all winter.

We breed 16 varieties of trapnested, bred-to-lay fowls:

IMPERIAL BUFF MINORCAS
BARRED PLYMOUTH ROCKS
WHITE PLYMOUTH ROCKS
BUFF PLYMOUTH ROCKS
BLACK ORPINGTONS

S. C. BLACK MINORCAS
S. C. WHITE LEGHORNS
S. C. BUFF LEGHORNS
S. C. BROWN LEGHORNS
S. C. RHODE I. REDS
BUFF ORPINGTONS

WHITE WYANDOTTES
BUCKEYES
R. C. RHODE I. REDS
BUFF WYANDOTTES
PARTRIDGE WYANDOTTES

WE KNOW THE EGG RECORD OF EVERY HEN ON THE JOB

After April 15th, eggs from all varieties (except Orpingtons and Bluff Minorcas), at \$2.00 per 15. Some of our stock has been trapnested for 12 years—it OUGHT to be GOOD. Shoot some of our heavy laying blood into your flock and watch 'em lay, next winter.

COCKERELS—White Wyandottes, White Rocks, White Leghorns, from our heaviest layers, Dec. and Jan. hatched, 85 cents, \$1.00 and \$1.25 each.

MONTVALE POULTRY FARMS, Inc., Montvale, Va.

WHITE WYANDOTTES

THE SNOW DRIFT STRAIN

REMEMBER that I am the originator of this famous strain of WHITE WYANDOTTES. This strain has proven itself in many of the leading shows. I have ten grand pens mated this season of some of the best WHITE WYANDOTTES in this country. My WHITE WYANDOTTES won in seven shows, twenty-eight first prizes out of a possible thirty-five; twenty-six second prizes; five thirds, five fourths and three fifths. I have also added to my great strain the entire flock of WHITE WYANDOTTES of the Buckeye Poultry Farm, of Cincinnati, Ohio. This includes their good will, all their winners, ribbons, etc. If you want Blue Ribbon Winners, breeders that will produce winners, or eggs, I can furnish you and guarantee satisfaction. Write for Mating List.

C. A. BESUDEN

R. R. No. 2, Box 49 : SHARONVILLE, O.

HEN AND CHICKS

Best Poultry book published, with The Industrious Hen for two years for \$1.00; with The Industrious Hen three years for \$1.25. Money back if not satisfied.

S. C. R. I. REDS

RED NOT BUFF.

Good winter layers; Langford strain. Remember they are layers and payers. Eggs, \$2.00, \$3.00 and \$5.00 per setting. Write or order. Mention "Hen."

MISS GERTRUDE PARRISH, Trenton, Tenn.

PARTRIDGE ROCKS

Winners at Madison Square Garden, Boston, Philadelphia, Baltimore, Washington, Hartford, Scranton, Allentown and Hagerstown. Stock and Eggs—Prices Reasonable.

HILLCREST FARMS, Box 5, Oakford, Pa.

BLACK MINORCAS

BARRED AND WHITE P. ROCKS, INDIAN RUNNER DUCKS. Eggs \$2.00 to \$15.00 setting. Half price after May 15th.

C. H. LEDFORD, Atlanta, Ga.

BUFF ORPINGTONS

Young and old stock for sale, correct in size shape and color. From best imported and American breeders. Eggs in season from many prize winners. At 1911 Louisville, Ky., Poultry Show—all seven specials, all five firsts.

Waycroft Poultry Farm, Box 457, Anchorage, Ky.

Shenk's Anconas

LAID ALL THE WINTER AND LAYING NOW.

15 eggs, \$1.25; 30, \$2.25; 50, \$3.50. Thirty other leading popular breeds listed in my 36-page free catalogue.

C. L. SHENK, Luray, Va.

EGGS For Hatching

From prize winners, S. C. White and Brown Leghorns, \$1.00 and \$1.50 per 15, balance of season.

White crested Black Polish Eggs, \$1.50 per 15. Satisfaction guaranteed.

A. L. LOVE : Mosheim, Tenn.

S. C. W. ORPINGTONS (EXCLUSIVELY)

Eggs all pens just as they come, \$2.00 per setting; \$10.00 per 100. Write for mating list.

BERNICE POULTRY BLOCK
T. E. Newton, Prop. : Bernice, Louisiana

AFTER MAY 15, SPECIAL MATING IN SINGLE COMB
White and Black ORPINGTONS

\$2.50 per 15; \$4.50 per 30; \$6.00 per 50; \$11.00 per 100; Utility, \$1.25 per 15; \$2.00 per 30; \$3.00 per 50; \$5.50 per 100. S. C. WHITE and BUFF LEGHORNS AND BARRED ROCKS. \$1.00 per 15; \$5.00 per 100. A rare chance to get good eggs cheap, best of satisfaction guaranteed.

SENSENV ROAD POULTRY YARDS, R. 1, Winchester, Va.

ANCONAS

No more eggs for sale this Spring. Get a start of this profitable breed from some reliable breeder.

E. H. DEPOY, Route 6, Knoxville, Tenn.



Twice Told Tales

Get Rid of the Cockerels.

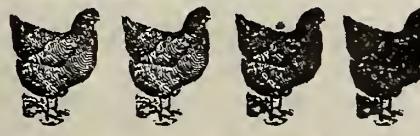
As soon as the hatching season is over all male birds should be marketed, they having no influence whatever on the number of eggs laid, and eggs produced by flocks composed of females only, keep much better than eggs from hens that are allowed to run with males.

As soon as the cockerels weigh three-quarters of a pound they should be penned for 10 or 12 days and fed all they will eat of corn chop or a wet mash composed of two parts corn meal, one part bran, and one part low-grade flour. If this mixture can be dampened with skim milk, it will add much to its fattening and bleaching qualities. Birds that are being fattened should be fed in troughs rather than in litter, as exercise at this time is not conducive to rapid gains in weight. The birds should be kept as quiet as possible.—Progressive Farmer.

Nest Boxes.

Such materials as cut hay, straw, grass, etc., are not absolutely necessary for nests in summer. The best material for nest boxes in summer is earth, as it offers fewer advantages for the lice. Take a soap-box, cover the bottom with four inches of dry dirt, sprinkle some fresh insect-powder over the earth and the nest will be complete. The nest should be made new with fresh earth at least once a week, as it may happen that an egg will be broken in it, the earth then being an excellent absorbent. Keep the nest-box in a cool place where the laying hen will be comfortable when on her nest.—Poultry Record.

The lice that infest poultry you can get rid of by using pyrethrum or Persian insect powder, dusting each bird thoroughly from head to foot. Take each one at night after they have gone to roost. This powder applied weekly for a month will effectually clean them, unless fowls from among other flocks come among them. In case you get new stock, keep



ORPINGTONS

KELLARSTRASS S. C. CRYSTAL WHITES OF QUALITY—the big winter layers. Breed only the one kind. Eggs, single birds, pairs, trios or pens. Satisfaction guaranteed. Send for illustrated catalogue.

Crystal Poultry Yards, Fredericktown, Mo.

Cooper's R. I. REDS

SINGLE COMB

Are always there with the Goods—
Eggs or ribbons.

SAM M. COOPER : Fountain City, Tenn.

Single Comb Black Minorcas Buttercups, White Wyandottes

Eggs for hatching. My breeding pens contain prize winners carefully mated. Each pen headed by a prize winner. Write for Mating List today. J. B. SANDER, Route 6, Box 47, Paducah, Kentucky.

MAMMOTH BRONZE TURKEY EGGS

We offer a few eggs from our flock of prize winners. Early orders filled first.

BARRED PLYMOUTH ROCK EGGS

Fifteen years successful breeding for stamina and usefulness. Eggs, \$1.50 per 15.

EASTVIEW POULTRY YARDS
Mrs. W. J. Landess, R. 5, Fayetteville, Tenn.

CHAMPION MAMMOTH CORNISH

THE FARMERS UTILITY FOWL.

Write for mating list describing our pens, containing winners at Madison Square Garden, N. Y., and of Am. Cornish Club Specials.

We are expecting a shipment of birds from England in May, therefore will make Special prices on high class Show Stock to make room. Mention Industrious Hen, when writing.

JAQUELIN FARMS, : Warrenton, Virginia

200 CHOICE S. C. Rhode Island Reds

One year old Sell for \$1.00 each, good shape and color, I will ship and if not satisfied I will pay the charges both ways. Choice eggs, \$1.00 per 15. Reds and S. C. White Leghorns. These birds have been bred for Eggs for 20 years and have never lost in the Show room.

HERBERT HAUN, Mohawk, Tenn.

WHITE ORPINGTONS

Best pen contains four first prize winners.

BLACK MINORCAS

Best pen headed by cock that won three firsts, 1911. Females all prize winners; all score over 93 points. Eggs and stock for sale.

MIDNIGHT POULTRY YARDS
Asheboro, N. C.

Buff and White Orpingtons

Eggs from blue ribbon winners at Knoxville, Lexington, and Kentucky State Fair, \$2.00, \$3.00 per 15. Have fifteen early cockerels left for sale cheap to make room for my young chicks.

HUGH S. THOMAS
R. F. D. No. 2
GEORGETOWN, KY.

"GOLDEN BUFF" ORPINGTONS

SINGLE COMB BUFF

I have two matings of extra "Golden Buffs." Booking orders for eggs now, either pen, \$3.00 per 15. Send for leaflet.

ISAAC H. MORRIS : Yorkville, S. C.

S. C. WHITE ORPINGTONS

Eggs, \$2.00 per setting of 15.
S. C. R. I. REDS—Eggs, \$1.50 per 15. **S. C. WHITE LEGHORNS**—\$1.50 per 15. Day-old Chicks in R. I. Reds and White Leghorns by the dozen or in one hundred lots. Place order three weeks ahead for chicks. Satisfaction guaranteed.

LUTHER B. HODGES, R. I., Box 46, Morristown, Tenn.

Rose Lawn Poultry Farm

BARRED PLYMOUTH ROCKS of the Royal Blue strain. Stock for sale. Eggs from first pen, \$1.50; second pen, \$1.00. **S. C. RED** eggs at \$1.50 for 15. **INDIAN RUNNER DUCK** eggs, \$2.00 for 15.

L. B. HOWERY, Russellville, Tenn.

MRS. G. M. TENANT

Breeder of **S. C. R. I. REDS**, eggs from prize winners, \$3.00 per 15; **S. C. WHITE ORPINGTONS**, Kellerstrass' strain, eggs \$5.00 per 15; **INDIAN RUNNER DUCKS**, eggs \$2.00 per 13. Member Alabama Poultry Association.

BIRMINGHAM : : ALA.

WHITE WYANDOTTES
EGGS---DAY-OLD CHICKS
Write Your Needs

J. G. ROBBINS, Mayfield, Kentucky

"A WINNING HAND"

S. C. BUFF LEGHORNS and
S. C. RHODE ISLAND REDS

The prize-winning, egg-laying kind. None better in America. Eggs, \$1.50 for 15, all pens. THE RED RANCH, New Market, Ala. Dr. Oliver Lipscomb, Proprietor.

Day=Old CHICKS

From 10 cents up. White Orpingtons, White Wyandottes, White Rocks, White Leghorns, Barred Rocks and Golden Wyandottes. Send for free circular.

RELIABLE POULTRY FARM
Route 4 Madisonville, Ohio

MOTTLED ANCONAS

First pen at Atlanta (only 1 entry); first pen, first cockerel, 1st pullet, at Chattanooga. Entry first at Bowling Green.

BUFF ORPINGTON DUCKS

first young duck at Atlanta (1 entry) and four firsts at Chattanooga. All our birds are bred to win. Eggs in season. COPPERAS FALLS FARM, Tullahoma, Tenn.

S. C. Brown Leghorns
Columbian Wyandottes

Prize winners, wonderful layers and beautiful plumage. Stock and eggs, prices reasonable. Send for mating list.

STURTEVANT BROS., Box H, Kushla, Ala.

S. C. BUFF LEGHORNS

Won more prizes and specials at Nashville, Knoxville and Atlanta, 1911, than all competitors combined. Write for Mating List and show record.

E. S. LANDESS, Fayetteville, Tenn.

**Twice Told Tales**

them separated until sure they are free from vermin.—Progressive Farmer.

Toot Your Own Horn.

Under the heading of "Toot Your Own Horn," the following interesting jingle appears in the "Practical Printer:" A hen is not supposed to have much common sense or tact, yet every time she lays an egg she cackles forth the fact.—A rooster hasn't got a lot of intellect to show, but, none the less, most roosters have enough good sense to crow.—The mule, the most despised of beasts, has a persistent way of letting people know he's around by his insistent bray.—The busy little bees they buzz, bulls bellow and cows moo, and watch dogs bark and ganders quack and doves and pigeons coo.—The peacock spreads his tail and squawks; pigs squeal and robins sing, and even serpents know enough to hiss before they sting.—But man, the greatest masterpiece that nature could devise, will often stop and hesitate before he'll advertise!

When selling birds by mail be careful to describe them as they are. Honesty is always the best policy. If you find that you have erred, be prompt to correct an error. If you make a mistake be man enough to admit it and make it good. "To thine own self be true and it follows as night the day, thou canst not then be false to any man."

In proportion to your honesty and square dealing with your fellowmen your success will be measured. See to it then that the ratio is high that your success may be great.—Successful Farming.

Dr. Herbert D. Peace, in testifying in behalf of a New Jersey rot and spot concern, told the court that it was possible for a person to get 800,000,000 bacteria into his system without injury to health. Now, Dr. Wiley, does this statement hit the spot, or is it all rot? (Rots and spots, it may be noted are American terms for eggs in particular stages of decomposition.)—Australian Hen.

**S.C.R.I. REDS**

and BARRED ROCKS

Best stock, strong, vigorous, farm-raised. Eggs, \$1.50 per 15.

A. S. BELL, Route 13, Knoxville, Tenn.

SELLING OUT AT HALF PRICE
Myers' Langshan Stock, Eggs

I am selling out my prize winners, also a lot of fine breeders. Order quick if you want the best.

BEN S. MYERS. Crawfordsville, Ind.

S. C. R. I. REDS

(LANGFORD FOUNDATION STOCK)

Started early and have finished our hatching. Now offer our \$5.00 eggs at \$2.50 for 15, from two select pens, all scored by Judge Fishel, 91 $\frac{1}{4}$ to 93 $\frac{3}{4}$. Sales limited to 3 sittings to one customer. No utility eggs. Stock all sold.

DONNA LYLE POULTRY FARM, Iuka, Miss.

EGG LABELS

Printed same day order is received. Get samples and prices.

S. B. NEWMAN & CO.
KNOXVILLE, TENN.

BUFF ORPINGTONS

My winners are direct from
THE BEST IN THE WORLD

Satisfactory hatches guaranteed. \$2.00, \$3.50 and \$5.00 per setting.

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Winners at Appalachian Exposition, Tennessee State Fair. White Wyandottes, Fishel strain; Barred Plymouth Rocks, Thompson strain; Indian Runner Ducks. Eggs and stock. Write your wants. I guarantee satisfaction.

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LEBANON, : TENNESSEE

BARRED PLYMOUTH ROCKS, S. C. White Leghorns, S. C. Black Minorcas, R. C. Black Minorcas, Fawn Indian Runner Ducks, White Plymouth Rocks, S. C. Buff Orpingtons, S. C. Black Orpingtons, S. C. White Orpingtons, Bourbon Red Turkeys.

WAYNE POULTRY FARMS,
Waynesville, : : Ohio

S. C. Buff Leghorn Eggs

From exhibition pens, \$1.50, from utility pens, \$1.00 for 15.

No more Partridge Plymouth Rock eggs to offer till the end of May, when they will be \$2.50 for 15.

O. D. BOYCOTT, Greensboro, N. C.

FOR SALE

S. C. R. I. RED eggs from first winners from two shows, fifteen entries, won seven firsts, six seconds, one third and one special. Eggs, one and two dollars for fifteen. Indian Runner Duck eggs, English strain, one dollar for eleven. Two thousand day-old ducklings for April, May and June delivery, one thousand same delivery of S. C. R. I. Reds—all for twenty-five cents each.

S. A. JUHAN : Adel, Ga.

WHITE IND. RUNNER DUCKS

These ducks are direct from Fishel. Booking orders for eggs now. Also BARRED PLYMOUTH ROCK eggs.

I. B. ROYSE
Sharpsburg, : : Kentucky

Partridge and Columbian Wyandottes, S. C. R. I. Reds and Single Comb Black Minorcas

PRIZE WINNERS.

Eggs that will hatch, \$2.00 and \$5.00. Circular free. C. V. GWIN, Hartsville, Tenn.

Barred PLYMOUTH ROCKS

THE BEST—POPE AND POPE STRAIN.

Eggs \$2.00 and \$3.00 for 15. The male bird that heads my first Pen won First at Morristown show, December, 1911. INDIAN RUNNER DUCK EGGS, \$1.50 for 15.

D. M. BUTTS, Morristown, Tennessee

LUMLEY'S ORPINGTONS

(WHITE, BLACK, BUFF)
LANGSHANS (BLACK)

PEKIN, I. R. and BUFF ORPINGTON DUCKS
Are winners—101 First Premiums at seven 1911 shows and firsts at State Fair show. Day-old Chicks, Eggs, Breeding Stock for sale. Also Berkshire Hogs, Collie Dogs. Satisfaction guaranteed. HIGHLAND SPRINGS STOCK & POULTRY FARM, W. E. Lumley, Proprietor, TULLAHOMA, TENN.

WHITE ROCKS S. C. White LEGHORNS

Prize winners at all the leading shows. WHITE ROCK eggs, \$3.00 for 15; S. C. W. LEGHORN eggs, \$2.00 for 15.

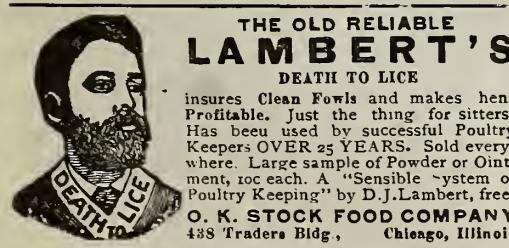
Wm. H. Burch, Box 850-H, Charleston, S. C.



GAPE-NIT Cures Gape

It's the cure that kills the cause of GAPE—the germ and also the worm. No experiment. A proven cure. 25c, 50c, and \$1.00, postpaid. Our Peerless Cholera Cure is also unequalled. Price, 50c. Get testimonial book.

PEERLESS GAPE-NIT COMPANY, Allentown, Pa.



Golden and Columbian Wyandottes

Prize Winners at all the leading shows. Prices reasonable. Send for mating list "Golden Opportunity."

OLD HOMESTEAD FARMS
J. H. McDANELL, Prop.
Box 126 : WARSAW, KY.



Twice Told Tales

How to "Break Up" a Broody Hen.

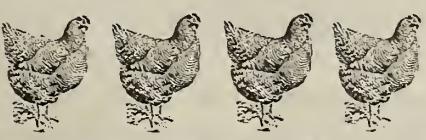
Beginning now one is often exasperated by having a hen become broody and persistent in obeying her motherly instinct when she could render much more valuable assistance by laying. The following method of curing broodiness has been most successful. Make a coop, like the ordinary brood coop, with slatted front. The hen is placed in the coop and then the coop is pushed up close to the wall of the hen house. With the coop in this position its inmate cannot see the rest of the birds but can easily hear them. She will immediately become worried and try to get out and join them, so in two or three days at the most she has forgotten that she ever wanted to become a mother. If the hen is well fed and provided with fresh water, the worrying will not hurt her at all.—American Poultry World.

Sorting the Young Chicks.
In taking young chicks from an incubator, you will always find some much more lusty than others. Sort them out and put the strong ones together and the weak ones by themselves. If all are put together the strong ones get all the food, and they are very apt to trample the little ones to death.

After they have all 'got on their legs,' so to speak, and eat well and can defend themselves a little it is well enough to put them all together.—Poultry Life.

It would astonish most of us if we only knew how many thousands of dollars are going out of the South each year for purebred poultry and eggs. We should supply this demand right here in the South and keep this money at home.—Farmers' Home Journal.

Practice makes perfect; watch the results of your matings this spring. Keep a daily record of everything that happens; it will be of great value to you in future years. Trap-nest your breeders. It is the only way to find out results.—Inland Poultry Journal.



HOUDANS

Southern bred. My birds took first at Alabama State Fair, also Birmingham Winter Show. Eggs for hatching for sale. Fertility guaranteed.

W. J. ROOT, Ensley, Ala.

The SOUTHERN PLANTER

The South's Oldest, Largest and Best Farm Magazine
and THE INDUSTRIOUS HEN, both one year for 50 cents.

INDUSTRIOUS HEN CO., Knoxville, Tenn.

Crystal White Orpingtons

KELLERSTRASS STRAIN

First Pen contains birds from Kellerstrass' \$30 mating, headed by the fourth prize cock at the Southern International Poultry Show, Atlanta. My birds were considered by Judge Pierce to be the best hens on exhibition. GLENWOOD POULTRY FARM, Mrs. G. T. Brown, Mgr., Greenvale, Ga.

S. C. BUFF ORPINGTONS

IF YOU WANT SOME GOOD BUFFS, WRITE ME, and I will try to please you, as I have a few birds for sale. Write me and I will tell you about them. Eggs after February 1st. Place your order at once.

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BARRED PLYMOUTH ROCKS

(LATHAM AND HOLTERMAN STRAINS)

Both matings. Stock and eggs for sale. Write for mating list.

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Eaton's Life Saver Little Chick Food

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The Peerless Self-Feeding Dry Food Hopper

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REMEMBER

June hatched BUFF ROCKS develop into the Prize Winners for the Winter Shows. If you have not received our 1912 Mating List send postal for one today.

LAKESIDE POULTRY FARM
MAX D. BRINNON & SON, Props., Windsor, Mo.
BUFF ROCKS EXCLUSIVELY

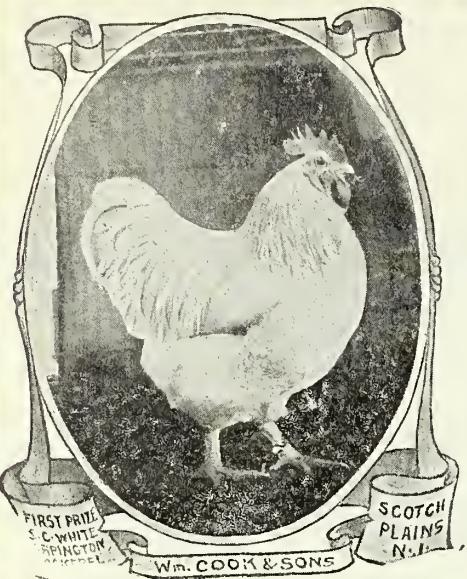
Single Comb BUFF LEGHORNS

THE LAYING KIND

Eggs from prize winners
\$1.50 and \$2.00 per 15.

JOS. E. MATTISON, S. 6th St., Paducah, Ky.

Send for our special summer advertising rates for space in these pages.



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ORIGINATORS
OF ALL THE ORPINGTONS** Established 1873
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Several thousand stock birds always for sale, IMPORTED or HOME BRED. WE GUARANTEE safe delivery and SATISFACTION, backed by a reputation of 39 years standing. We have given satisfaction to two generations, we can to you. This should mean much to you. SEND 10c for ILLUSTRATED CATALOGUE, with history of the ORIGINATION of all the Orpingtons and hints on poultry keeping. Mating List ready.

EGGS FROM OUR WINNERS

and the FINEST ORPINGTONS in the world, \$20.00 a setting, three settings for \$50.00. These would give you a fine start in the poultry business. We can supply eggs from unrelated pens so that you can mate the progeny. WHY PAY MORE? Eggs from fine stock at \$10.00 a setting. Liberal guarantee with all egg orders. We believe three quarters of the first prize winners of this country are hatched from our best eggs or sold by us.

It adds PRESTIGE to your stock and MONEY to your BANK ACCOUNT if you can advertise "COOK STRAIN" ORPINGTONS. People will then realize you have the best, and you will be eligible to compete for our fifty \$50.00 Cups, which we expect to give to "Cook Strain" advertisers, during the coming season. We give these cups to show that we take an interest in our customers after we get their orders.

EVENTUALLY, if after the BEST ORPINGTONS, any variety, you will send to their ORIGINATORS, WHY NOT NOW? and avoid loss and disappointment. Advice free. We did not exhibit for competition during the past season.

LANGFORD WHITE DIARRHŒA REMEDY WILL SAVE YOUR CHICKS

Mr. Frank Langford, Nashville, Tenn. Dear Sir:

I am glad to voluntarily add my testimony to the value of your remedy for White Diarrhea in little chicks. After a thorough trial of your remedy, I am confident that you have solved this, one of the most vital of all problems in poultry culture.

Sincerely,

E. L. DOAK.

Frank Langford.

Dear Sir: The Diarrhoea Remedy purchased of you, has saved me lots of chickens. Don't feel like I could do without it. Enclosed check, send me two more bottles at once.

Yours, JAMES K. CRAIN.

The Langford Remedy is sold under a positive guarantee or will refund money. ORDER TODAY. Remedy, \$1.50 per bottle.

FRANK LANGFORD, R. R. 10,

Nashville, Tennessee

RHODE ISLAND RED BREEDERS, ATTENTION!

After May 1st, I will sell eggs at one-half price per setting. This is your opportunity to get eggs from the best lot of Reds I ever put together. Prices now: Championship pens, \$7.50 per 15; Exhibition matings, \$5.00 and \$2.50 per 15.

FRANK LANGFORD,

: : : :

R. R. 10, Nashville, Tennessee

EGGS \$2 Per 15 After May 1

These eggs come from our prize pens. Our birds are at present leading in the Kentucky laying contest. Better get a start with this breed. We lead in winnings and have the largest farm devoted to this one breed in the South.

DISMUKES & ARRINGTON

Dept. H, Castalian Springs, Tenn.

WHITE ORPINGTONS

JACKSON STRAIN---The World's Best Strain

After years of careful and scientific line breeding this strain stands alone in reproducing their winning and laying qualities which have been stamped and restamped upon them. Pearl white, big boned, cobby type and heavy winter layers. I have birds direct from the farm and some of the best ever shipped South, winning first and second prizes at Memphis, Tenn., and Jackson, Miss. Four grand pens mated and ready for business. Eggs—\$1.50, \$3.00 and \$5.00 per 15. 25 yearling hens, \$2.00 to \$3.00 each; 5 Cockerels, \$3.00 to \$5.00 each. Mating list describing each pen free.

HARRY CALICOTT,

: : :

Coldwater, Mississippi

THE INDUSTRIOUS HEN

Vol. 8

Knoxville, Tenn., May, 1912

(Whole No. 96) No. 12

Raising The Chicks in Fireless Brooders

By Mrs. H. P. HINTON, Dallas, Texas

THERE has been much written about fireless brooders, there are many being made and put on the market, and there has been a considerable amount of exaggeration made along with the claims of raising chicks in them. I am an advocate of the fireless brooder all-right, but it is not all smooth sailing with them. I used them exclusively during the season of 1911 and had splendid success, as I raised over 700 chickens.

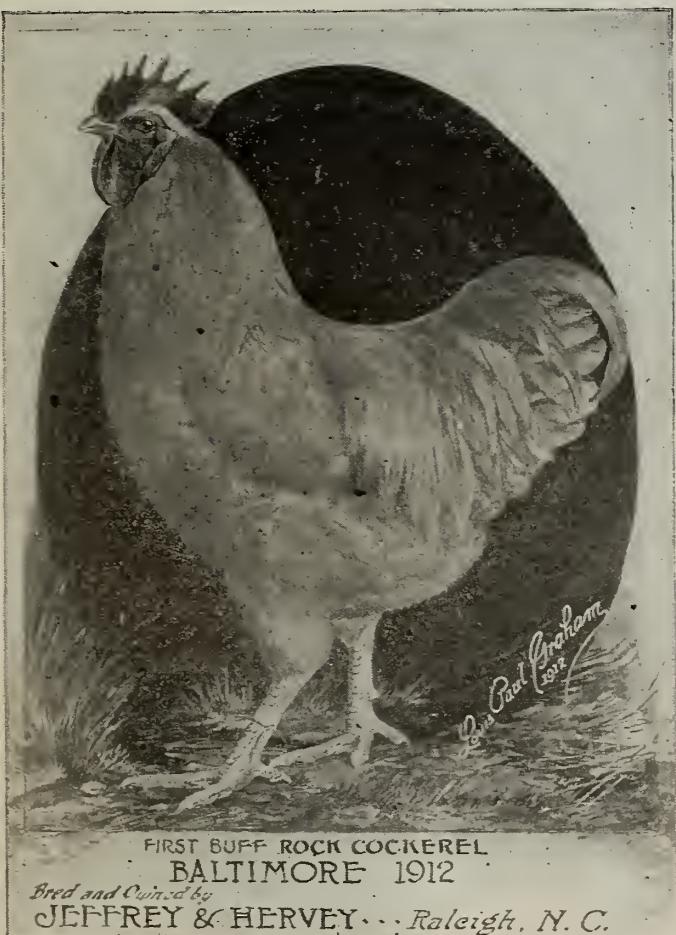
I had a splendid brooder house that was easily warmed, was 60 feet long with a partition in center, making each department 30 feet long and 10 feet wide, a walk 3 feet wide was left along the entire north wall the entire length, and the balance was divided into pens about 6x7 feet, giving five to the side. In one side I put up an

in place. For use I made cotton pillows to fit on top and to weigh about two or three pounds each. In one side of the frame I sawed an opening 4x5 inches for the chicks to go in and out at; in this frame a nest of straw is made and it is ready for the little chicks.

In the morning, just before the chicks are let out of the hovers, a hot fire is made in the stove and the brooder house warmed, then the little fellows have their liberty. A fire is kept up in the stove all day until just about time for the chicks to go to roost. Now the one great trouble I had with this method was, the chicks never learned where to go to bed, but had to be caught each night. They grew fine and I lost none, but it was no small job to catch so many chickens each night.

They had no warmth at night only that created from themselves, and they did not like the idea of going into a cool place to go to bed, but I prefer this to the brooders with lamps where one raises large numbers. If only a few are raised the lamp heated brooders are the least trouble. I have been experimenting a little this year with the fireless brooders, by using the same hovers and having two strips nailed through the center just wide enough apart to support a gallon jug on side. This jug I fill with boiling water early in the morning and again at night and place in hover and put an old quilt or something heavy on top to hold the heat in. This gives a warm, cozy place for the little fellows to run to, and if they are watched and put back often for the first few days, they learn where to go when cold and give no more trouble. I find from experience that some kind of heat has to be supplied during the day, when the little fellows are stirring around, until the weather is warm. I find it will be May before they can do without some warmth early in the morning. Of course after the weather's warm no heat is necessary, but I find if a jug of hot water is placed in hover every morning for a few days when chicks are put in brooder house, they are much easier to teach where to go when they want to hover or go to roost. Chickens are things of habits, and after they once learn to go to a place then they are all right, for that will always be the place for them.

The other side of my brooder house I use for the chicks after they are too old to need any heat and yet are not large enough to go into colony houses. My experience has been, that more chickens are killed by chilling than by the feed. I use the infertile eggs boiled hard and baked cornbread and commercial chick feed with plenty of grit and fresh water in fountains. Keep everything thoroughly clean and disinfected, feed green food and meat scraps after they are a few days old, and the mortality is very small indeed, barring accidents. Warmth is the one essential thing for the first week of a chick's life.



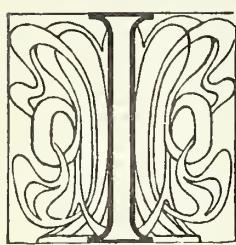
ordinary heating stove and burned wood, as we had plenty of wood on our own place.

My fireless hovers are 20 inches square and six inches deep, no floor. In each corner of these frames an inch square post is nailed, allowing it to come to within one inch of the top of frame. A frame of inch square material is made to just fit inside of the other frame and rest on the posts in corners. On this frame is nailed one or two thicknesses of flannel or outing flannel, allowing it to sag in the middle, so that it will touch the little chicks; or, to be exact, to come within one inch of the floor when

ALARGE part of the profit in poultry keeping often depends on the marketing of the products, and the producer should study the market demands as to how, where, and when to dispose of the products to the best advantage. An attractive appearance is of prime importance, and the producer should study the details of killing, dressing, and packing in order to arrange the products in the best possible manner. The requirements for dressing and packing vary somewhat in different markets, and the producer should learn any special requirements of the market to which he intends shipping.—G. Arthur Bell.

Italy Should Be Poultry Yard of All Europe

By L. B. AUDIGIER, Second Vice President American Poultry Association



IT IS not always climatic conditions and favorable circumstances that produce the best results in any effort of man. Man himself is the culminating agent. His physical energies and his brain may be depended upon to do more towards accomplishing a desired result than all other natural conditions combined. It is a fact that there are many circumstances where present surroundings would not indicate success that the most satisfactory results have been obtained. I believe that too favorable conditions are sometimes bad for the ultimate working out of a complex proposition of a broad and general character.

In the South, for instance, where poultry flourishes

Italy and hope to find encouragement further on to the north.

The fact of the business is, that grape and olive culture is more to the liking of the average Italian peasant, and the marketing of oil and wine under present conditions more profitable. But that does not mean that poultry culture could not be made a third adjunct to the earning capacity of the countrymen. On presenting my letters of introduction from the Bureau of Animal Industry of the U. S. Department of Agriculture to the Minister of Agriculture of Italy, I was cordially received and assured that the department was at my service. Dott. Cav. Enrico Giacobini, who is at the head of the Fisheries, speaks English well and was extremely courteous. He was of very great assistance to me in finding my way

through the labyrinth of halls and corridors of the old building to the office of Dott. Vittorino Vezzani, Secretary to the Minister of Agriculture. Dott. Vezzani speaks fluently, Italian, German, French, and English and is making the science of poultry culture a study. I learn from him, that very little effort has been made until recently, to improve the present poultry conditions, while much time and money has been spent in experimenting with cattle, horses, sheep, hogs, etc. There are at present five experiment stations of animal industry in Italy,



Poultry Plant near Rome on the Campagna

practically twelve months in the open, with inexpensive houses, cheap grain, etc., we of the South are not keeping up with the progress in poultry culture that is being made in the colder states of the North. It is so in Europe. In Italy where the warm sunshine, gentle showers and alluvial soil keep vegetation green the year round; where valley and mountain are in such close proximity, and where many are idle and labor cheap, it seems that this should be the poultry yard of all Europe.

But what are the conditions? I understand that no poultry plants exist south of Florence. It is true, that almost every door yard in the outskirts of the cities and villages have a few mongrel fowls that earn their living on the paved streets and roost on a bag of charcoal or a bundle of straw. Out in the Campagna around Rome, where there are thousands of acres of uncultivated, tillable soil, only now and then near an old stone cottage or a straw-thatched hut, are scattered a few hens of mixed breeds and a variety of shape, size and color. These, apparently, supply in a very inadequate way the demands of the hotels at this season of the year in a great city filled with tourists. The only evidence that I have seen of poultry raising, and then for quantity only, was the abode of a Roman who lived some twelve miles in the Campagna. The sight was an interesting one. I came upon him rather unexpectedly, just before sunset. He was feeding his birds a little cracked maize, and he was delighted that I should want to photograph his home and family. He had a flock of about 200 fowls, and their only shade and shelter was the structure to the left of the picture and a similar one in the rear. This is the most imposing poultry plant I have seen in Italy—but I am not through with

but nothing is being done for poultry in any of them. However, Parliament has recently appointed a commission of three gentlemen to study the conditions of poultry culture in Germany, Denmark, Switzerland, Belgium, France and England, relative to its introduction into Italy. In their report, which was very favorable and most encouraging, they have recommended that an appropriation of some \$60,000 be made for the uses and purposes of introducing poultry husbandry into the already established agricultural experiment stations. A bill to this effect has been drawn, and it is confidently expected to become a law within the next thirty days. Dott. Vezzani will be at the head of the department, and this will be a guarantee that poultry interests in the future will no longer suffer in Italy.

I was quite agreeably surprised to have him show me among his text books a copy of the 1911 American Standard of Perfection, a copy of the proceedings of the Denver convention, with our show rules, and a most courteous letter from Secretary Campbell. He assured me that he held this great poultry association in very high esteem, and that he also felt honored in having one of its highest officers pay him a visit.

The International Agricultural Institute here is in direct communication with the Agricultural Department and issues many bulletins on the various phases of live stock and farming interests. A large new building is also being erected to take the place of the present old one now occupied by the Minister of Agriculture. To sum up, I might say that while little progress has been made heretofore in Italy, under the new conditions, and at the behest of so good and wise a king as Victor Emmanuel III,

the prospects look bright for more active movements and most satisfactory and helpful results.

Never in my life have I seen such a demonstration as was made in the streets of Rome yesterday, and even continued today, over the attempt to kill the king. I was taking my breakfast when I heard a commotion on the streets and unusual noises and talking in the halls of the hotel. As soon as I learned that the king had been shot at, I hurried to the familiar spot on the Corso, where in front of the Doria palace could be seen the supposed spots where the bullets struck the concrete wall. I stood on the opposite side of the Corso, in the door-way of an apartment, and a few feet above where the royal party entered the narrow street called Collegio Romano, and watched with interest the outraged subjects of the idolized king. Their indignation knew no bounds. Here a few hours before the life of their ruler had been imperiled; the almost fatally wounding of Major Lang, one of the king's noble guards, and the killing of the horse on which he rode; the presence of mind and the bravery manifested by his maj-

esty in assuring his subjects that he was not injured by driving on to the Pantheon for the services in honor of his father; the dispatch with which the assassin had been captured and delivered into the hands of the police, and every incident that had occurred up to that moment were eagerly gathered up by each succeeding addition to the throng that quietly worked its way on up the Corso and out into the piazzas and thoroughfares. By two o'clock in the afternoon, posters signed by the Mayor were in evidence everywhere calling upon the people to assemble around the Callouna column and express their indignation at such an atrocious outrage. It seemed to me that 200,000 peo-

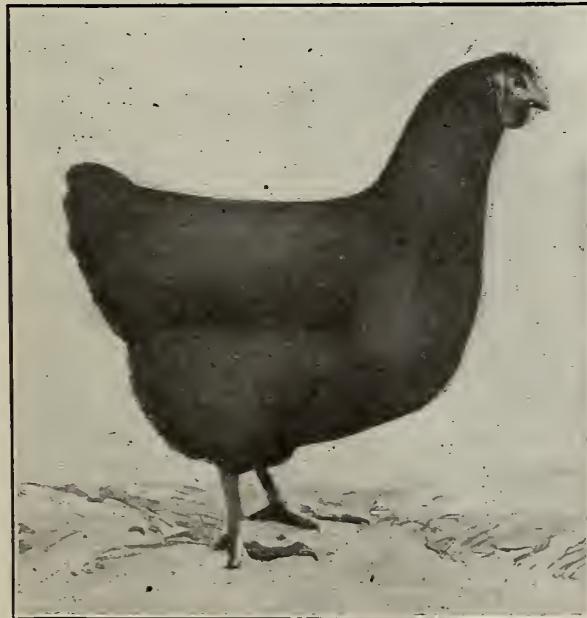
ple were there. The streets were filled with flying flags and the National Colors were floating from every window and balcony. Business was suspended. All the shops were closed. The street-car men were given a half day, schools were dismissed and everybody was doing honor to the king, offering up prayers that his life had been spared and that the nation had escaped a calamity.

The scene in front of the Quirinal, the royal palace, was rather to be seen than described. One vast array of heads with uplifted hands crying for a sight of their



Wine Cart of a Peasant on the Campagna. The horse carries his dinner from his shoulder, and when standing is eating.

king. Upon his appearance upon the balcony with the Queen and the royal children, 200,000 throats acclaimed their pleasure and satisfaction. And the climax came when the king, visibly affected, raised Prince Umbert, his heir to the throne, so that the people might see him. Many there were in that vast concourse who remembered a similar occasion when King Victor was the prince and Umbert the King. Hoarse cries, drowned with tears of love and rejoicing died away as the people separated, each going his way, giving a sigh of relief that Italy and her King were saved.



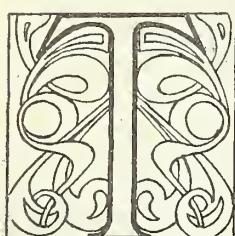
RED QUEEN.
Look at the type, color, soft velvet red. First hen at Birmingham, December, 1911. Bred and exhibited by H. B. Lansden, Manchester, Tenn.



RED RAVEN.
First pullet at Birmingham, December, 1911. Lansden type and color of Reds. He has a mating list that tells all about mating Rhode Island Reds. H. B. Lansden, Manchester, Tennessee.

Modern Business Methods For Poultrymen

By PERCY H. WHITING, Atlanta, Georgia



OO MANY folks are raising chickens," an old poultryman told me once.

I thought he was an anarchist then, but I have revised my views since. His words, however, should be changed to read "Too many people are raising chickens at a loss."

Do you, Mr. Poultryman (or Mrs. Poultrywoman, if it so happens) know exactly to a cent how much your chickens cost you last year? How much it costs per chicken per day, what average price you are netting for eggs for meat? If you know what your chickens cost, have you figured in that total all the elements that belong there?

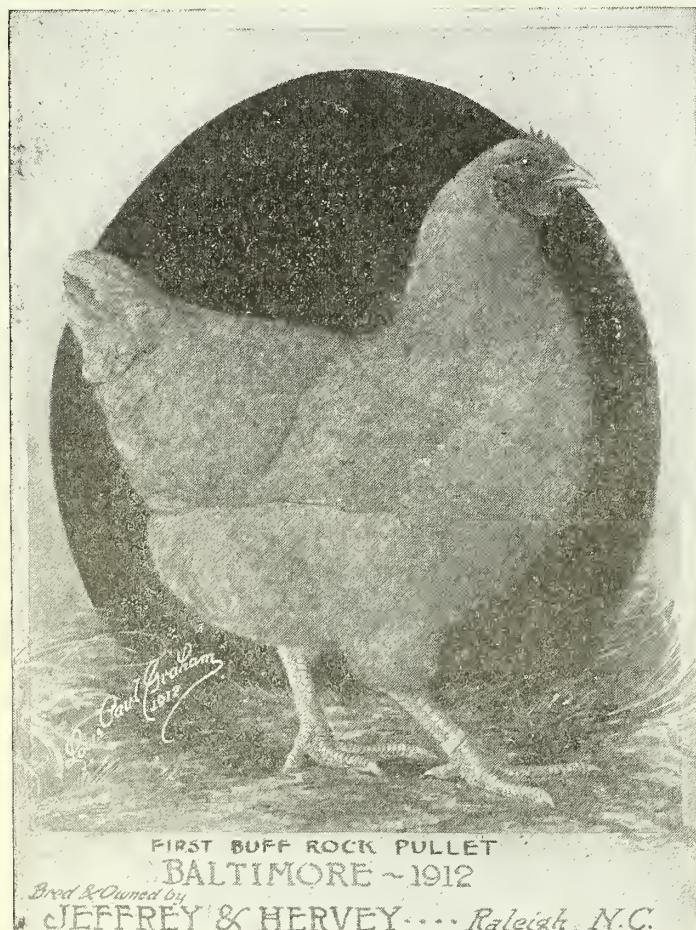
"My chickens net me 9 per cent on my investment," a man told me once, "and I call that pretty good for a side line."

So do I. But he wasn't netting it.

"Do you figure in all the expenses?" I asked him, "rent of your land, your own time, interest on the money tied up, depreciation, building materials used, and a few such?"

Well no, he didn't. "I'm renting the lot anyway," he told me, "so that doesn't make any difference. I work on my chickens in my spare time. The depreciation isn't much and I don't spend much on the chickens except for feed and such, and I keep strict account of that." He can't see yet that he is not really making 9 per cent, that in fact it is doubtful if the real returns are half that.

There are too many people in the poultry business who are contenting themselves with this line of reasoning.

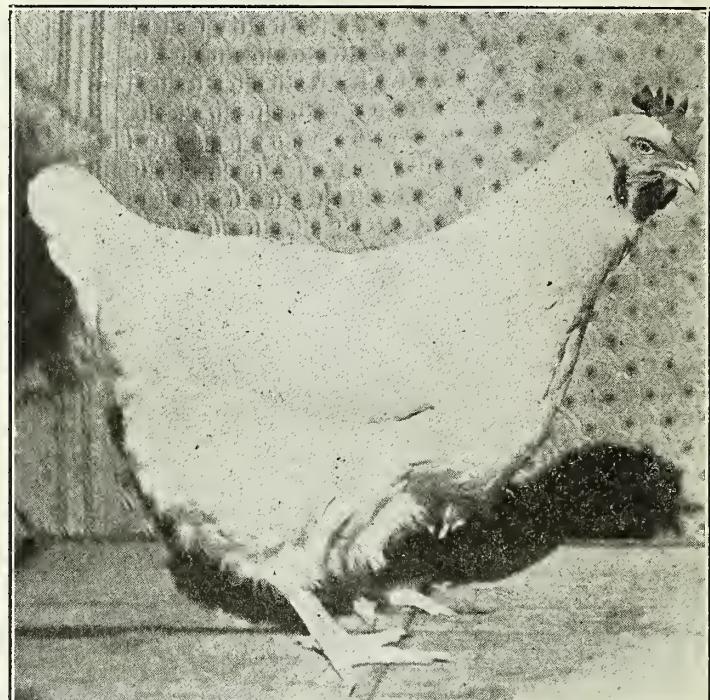


There are too many that are running poultry business at a loss, and too many others who are breaking just even. And the people who are not making money are throwing their eggs and stock on the market at less than it costs to produce them, and thus making it harder for those who are running their business on a scientific basis to get reasonable returns for their wares.

Barring only those people who raise poultry absolutely for recreation and without effort to make the business pay, every man in the poultry business should retire from it who is not netting 6 per cent or better, or who does not see a chance of doing it in the near future. You will never know, however, where you stand in the business

unless you charge against your poultry every item of investment and expense that belongs there. If you do not do this, you are deluding yourself about the business and dealing unfairly by yourself and your fellow poultrymen. You must turn the spotlight of modern business accounting on your poultry expenditures and receipts. Yet it does not take any knowledge of high finance or of book-keeping to do this. I don't know the debit from the credit side of a ledger and never expect to. But I know that my chickens have got to pay considerably better than their expenses or quit. And I know whether they are doing it or not by a simple system of accounting that anybody can understand.

I am not going to try to explain my system. It just happens to fit my needs and might not suit anybody else. Each man's aims and needs are so different that it is



Single comb Crystal White Orpington. First Prize hen at Dalton Poultry Show, Dalton, Ga., November, 1911. Third at Chattanooga, Tenn., December, 1911. Exhibited by the owner, Geo. M. Moseley, Menlo, Georgia.

almost necessary for him to work out his own system. But to do it he does not need anything but a knowledge of simple arithmetic and a willingness to deal fairly with himself and with his chickens.

There's a tremendous temptation to "tell you how to do it." It is a temptation that comes to almost everybody who writes for the magazines. But there is not room here to go into the details of any one of the possible systems. And anyway it is better to sit down and work out a scheme that is suited to your needs.

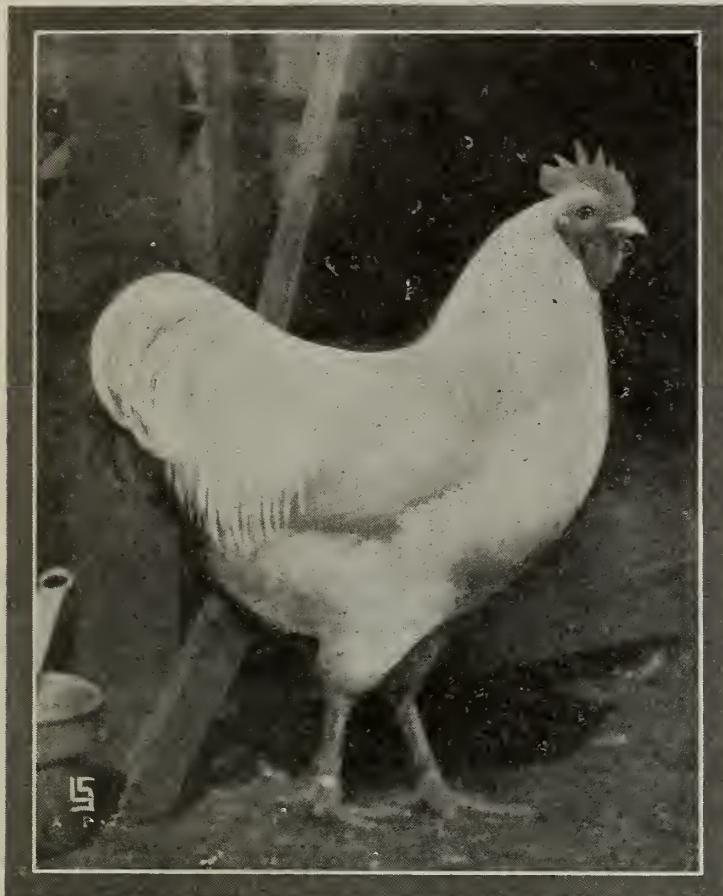
There are a few points worth making, however. One is the matter of inventories. It is useless to hope to keep track of your business without a yearly, or a semi-yearly inventory. It takes but a little time and it gives you a tremendous amount of information relating to the crucial question of "where you are at."

One thing about your inventory—be sure to allow a good margin for depreciation. Houses, great and small, have but a limited term of existence. Tools deteriorate rapidly. The smaller pieces of equipment, drinking vessels, hoppers, runs and the like usually have a comparatively short term of usefulness. If you estimate that the life of a chicken-house is, for instance, 20 years, chop off one-twentieth of its cost at each yearly inventory. This depreciation of equipment is as much an item of the expense of conducting your poultry business as is grain or grit.

In listing your items of expense, you should figure in every earthly thing that is an outlay for your chickens. Under no circumstances, fail to account for your own time, for that of members of your family and for that of hired laborers. If chickens are a side-line with you, you

must consider how much you earn a day, and how much time you give your chickens. With those figures in hand you can soon tell how much you should charge for your time as one of the expenses of raising chickens.

I talked along this line awhile ago with a friend who said, "Oh, I don't charge anything against my chickens for labor. The fact is, my wife does most of the work." I knew that his wife was, with the help of one servant (when one was available) doing the house work, taking care of a couple of children, looking out for a flower garden, and handling a big yard of high grade chickens. So I said: "Well, isn't your wife's time worth anything?"



WHITE PLYMOUTH ROCK.

First cockerel at Southern International Poultry Show, Atlanta, Georgia, December, 1911. Exhibited by the owner, Martin F. Schultes, Bartlett, Tennessee.

He agreed that it was, but not much in actual dollars and cents, "For," he explained "she would be sitting around the house or minding the babies if she wasn't doing that." I only smiled at that, but I have a notion that, unless he can make his chickens show a reasonable profit, his wife was wasting her time and could be better occupied in rest or recreation.

In this case, and in every case, time spent by anyone in working with chickens should be charged against the cost of their keep and this money should be subtracted from any imaginary profits.

Don't consider either that because you hire a man and he only spends part of his time with the chickens, his time need not be considered in the poultry accounts. If you did not have him at work on the chickens you should have him employed elsewhere and therefore when he is attending to the poultry he is removed from some other work that should be, either directly or indirectly, productive.

Does this seem trivial and self-evident? Well then, ask the next half dozen poultrymen you meet just how much they consider the item of labor in their poultry accounts. Their answers will surprise you if you have any lingering notion that the average poultryman keeps accurate accounts.

Another favorite error in accounting is to overlook eggs and fowls used in home consumption. With the average poultryman this runs each year into a very considerable item. If it is not taken into strict account, and this necessitates a careful daily record, your hens "get the worst of it" in the annual accounting.

Taxes on land used for poultry raising is another point that is frequently overlooked. If you have a small place and half of it is used for poultry half the taxes on your lot should go against the poultry expense account.

If you have insurance on your poultry buildings don't overlook it. If you use part of an insured building for poultry let your accounts show a charge in proportion to the amount of the building utilized.

One of the chief aims of modern business accounting, especially that directed toward showing the profit or loss of any branch of a business, is to charge against each branch its full share of the cost or operation.

Another aim is to summarize carefully each item of income and expense.

For instance, I keep an account that shows how much I spend from month to month for chicken feed. By dividing this by the number of days in the month and the number of head of stock I find what it costs me each month to feed each chicken on the place. This amount is set down each month, right next to the cost of the previous month and just below the cost of the same month of the preceding year. One winter I found that there was a noticeable increase in the feeding cost per head. I knew that all were being fed the usual amount. A bit of casting about brought to light a fact that I had carelessly overlooked—that wheat had soared to the skies in price. I ought to have noticed it when I bought but I hadn't. Yet the account book brought it automatically to my attention. I changed my feed and brought the cost back to normal.

A systematic poultry account should show the cost of feeding each fowl from month to month and should be kept on a big ruled sheet so that each year the cost for each month can be put below the same month of the previous years. It is the same with the other items—labor, equipment, houses, medicine and the like.

With accounts like that, you have a perpetual search-light turned on the part of your business that needs the most watching. You not only know at the end of each month that you have spent more or less money but you know where you are losing and where you are saving.

It is the same with your receipts. You should have a comparative table, showing what your eggs bring for the month, for last month, for the same month last year and the year before.

With accounts each year you know not only whether you are making money or losing it but you know in addition exactly why you are making or losing—where the money is going, where it is coming from, what items are costing more or less, which are bringing you in more or less.

Too much bother, you say?

Well possibly.

But if it is too much trouble, you should not be in the business. Unless you know whether you are making or



Second cock at Dallas, January 18-23, 1912. Heading Pen 1 at Hearndale Farm, Route 1, Pine Bluff, Arkansas.

losing and unless you know why you are making or losing, you are not getting what you should from poultry.

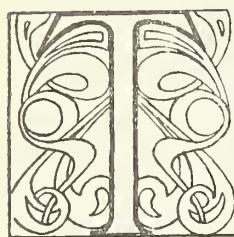
Therefore keep systematic accounts.

There should be, and is, good money in the poultry industry. But it is there for people who conduct the business in a scientific manner.

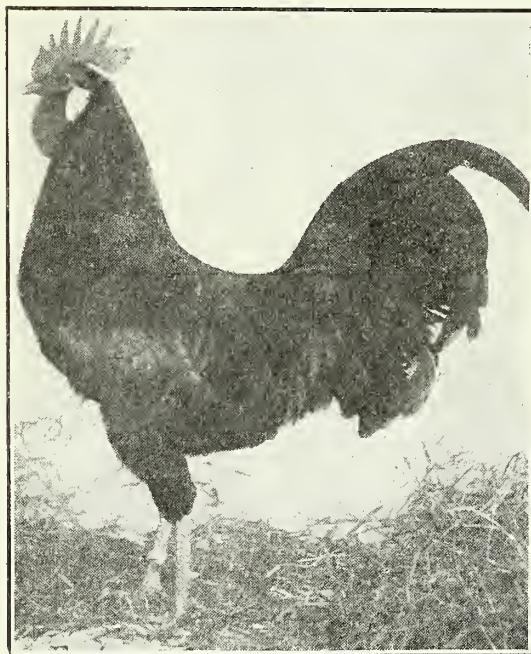
If you have not time to do the accounting with your present poultry lay-out, cut it down until you allow yourself time enough for real accounts. You can then make more money out of less fowls than you did before. And to make money out of poultry is the aim of most of us.

What Ought to Be Considered a Fair Hatch?

By J. C. CLIPP, Saltillo, Indiana



HERE are many buyers of eggs at this time of year, and I venture to say that every purchaser of eggs expects strong, healthy chicks from every setting. Many eggs shipped out for hatching purposes prove to be infertile. There are many causes for eggs being infertile. The cause of the majority of the eggs being infertile is largely due to close confinement of the breeding stock and too many females to each male. We have found that where too many females are consigned to the males, infertile eggs are sure to be the result. It is unreasonable, of course, for buyers of eggs to expect every egg to hatch, but they certainly have a right to expect at least eight good strong chicks from a setting of thirteen eggs. Some buyers are unreasonable, while some are considerate and willing to be agreeable. Last season one party wrote us the most insulting letter we ever received. We shipped this party 15 eggs, all fresh, and the pens the eggs were from had been tested several times for fertility. They were always found to be highly fer-



Brown Leghorn Cock, Property of N. B. Spearman, Ida, La.

tile. This party wrote me she only received eleven chicks from the fifteen eggs, and she thought we should furnish her another setting free. She further continued to say that unless we sent her another setting at once, she would publish us and do many other mean things to injure us. She referred to her own eggs and said they were hatching well, in many instances every egg hatched. Any reasonable person would not expect eggs that had been shipped to hatch quite as well as those that had not. Again any reasonable person will agree that eleven chicks from fifteen eggs shipped over five hundred miles is an exceptionally fine hatch. In that same mail we received another letter from another party saying she had seven fine lively chicks from the fifteen eggs shipped her and she was more than pleased. There was a case of not half the eggs hatched and yet the customer was well pleased. I have found that in our more than twenty years' experience in the poultry business, we can not give every customer satisfaction, and I will venture to say not a breeder in this country, no matter how hard he tries to do so, can meet the wants of every customer. For several years we have adopted the plan of dealing with every customer just as we would wish to be treated, and when this plan fails, we drop the matter from our list.

Going back again to the subject of fertile eggs. It is supposed that every breeder that has any regard for his name and reputation will use every effort to have eggs fertile. It sometimes happens that conditions are such as to prevent eggs from hatching, regardless of every effort a breeder may make. But if such matters

are made known to the breeder, and he fails to use every effort to increase fertility of his eggs, then he is worse than a highwayman and should be forced out of the business. But few breeders, I am pleased to say, are of that stripe, although, many will accuse a man of being a thief should a setting of eggs shipped by him fail to hatch. This is very wrong, and we should be very careful about approaching the vender's character before you are quite sure he is an impostor. Very frequently a new breeder enters the field and advertises eggs for hatching. He mates his pens, placing ten or twelve females to one male and confines them to a small park 15 ft by fifteen feet, and feeds heavily on grains and fat producing foods, never thinking of providing green food or animal food, such as hens obtain on free range. Again he fails to provide them exercise and the result is that his breeders becomes sluggish, out of condition and eggs fail to hatch. His customers come back at him with a scorching letter, blistering him for his dishonesty. He thinks the matter over and feels within his own conscience that he is not guilty of any crime. He is not aware of the cause, has never had the experience of confining breeding fowls and is at a loss to know how to overcome the trouble. The situation becomes disgusting to him and he drops out. I know personally of just such circumstances. This, of course, is a case of ignorance, and can not be helped until such a breeder has been rightly informed.

It must be remembered, that more females can be given to one male when on range than when confined to limited parks, and again it must be remembered that hens, when confined to small breeding parks, must have exercise, green food and animal food. All this can be supplied by liberating the fowls every evening, if only one hour at a time will greatly increase the fertility of the eggs. When this can not be done, you must supply green feeds and animal food in some form; and exercise must be provided for in some way. I never could substitute a method that would answer the purpose quite as well as turning the fowls out on range for a short time each day. If you have several pens, you can turn them out alternately and accomplish the results sought for. You simply can not have fertile eggs from fowls that have been yarded any great length of time, unless you provide them free range and natural requirements as much as possible. Another cause of infertile eggs is due to breeding from young, unmatured stock. It is a great mistake to use undeveloped females or males for breeding purposes. I much prefer yearling hens mated to large, well developed early cockerels to any other mating for strong fertile eggs and rugged chicks. Neither should the males nor the females be young and undeveloped, nor should they be old and lost vitality, for breeding purposes. With just a little bit of thought and intelligence, you can always produce strong fertile eggs, as well as strong, hardy chicks.

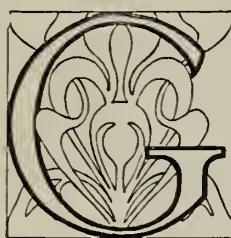
CHICKEN-POX, sometimes called Sorehead, is a disease which will be prevalent at this time of the year among the growing stock unless proper precautions are taken. It is a contagious disease, and spreads very rapidly among the flock when it once gets headway. It seems to affect the cockerels more than the pullets. Because of its appearance on the comb and face of the bird it should not be a difficult matter to eradicate the disease.

Symptoms.—The disease appears on the comb, face, and wattles of the bird in the form of yellowish nodules, varying in size from a pin head to one-fourth of an inch in diameter. These nodules increase in size and turn dark red. The disease should be treated as soon as the first nodules are noticed. It is not always fatal and fowls have been known to recover without any treatment. Insanitary conditions and dampness seem to cause the disease.

Treatment.—As it is a contagious disease, the affected birds should be removed from the flock immediately. If the nodules are removed with a sharp knife, and the affected parts are treated with carbolated vaseline, the birds should recover in a few days. If the case is very far advanced the sick fowls should be given a few grains each of sulphur and cream of tartar three times a day, and oxide of zinc ointment should be applied to the affected parts twice a day.

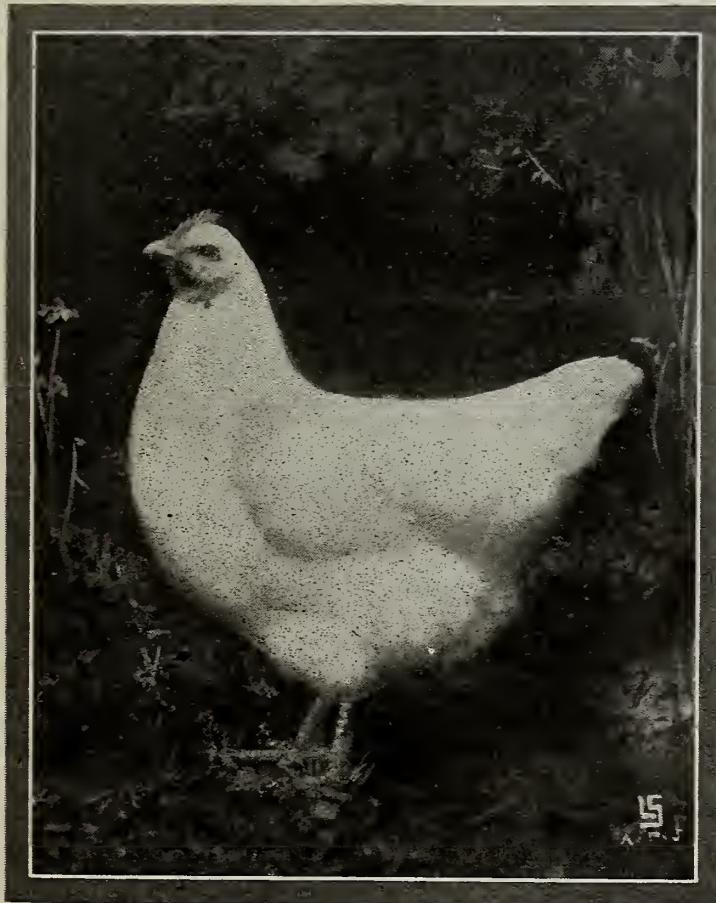
Growing and Feeding the Chicks on the Farm

By J. A. DINWIDDIE, New Market, Tennessee



GROWTH IS a natural process—Organic creatures grow by the consumption and assimilation of suitable nourishment. Each according to its kind, takes from the food elements with which it comes in contact as much of what is serviceable to it as it can secure and use. Our success in growing this year's chick-crop depends on the constitution, vitality, and soundness of the chicks, which determine its capacity of growth; second, environment, which affects its vital functions; third, the kinds of feed we place before them to produce growth. To begin with, little chicks are like little babies—they like to sleep, and are not to be handled too much. And good "OLD NATURE" has helped us out along this line, and provided that the little fellows come into this world with enough natural food in body and system to last for at least 48 hours. Notice I say natural food. Then the problem comes to us at once, to imitate nature and place before them such foods as conform to their natural needs. This of course is a great problem, largely because we have had—and especially in this State—no scientific study of chicken culture. I mean, of course, in comparison to other States. So in giving my ways of feeding, I have to confine myself mostly to experience, and what I have learned from studying nature. For first feed after chicks are

say three pounds cracked wheat, two pounds cracked corn (fine meal sifted out), and after ten days wheat can be fed whole with the cracked corn. Then when bread crumbs are left off, keep before them all the time in hoppers equal parts of wheat bran and beef-scrap. Yes, dry and always so, never feed wet-mashes. Remember wheat bran is one of the best bone builders, being rich in mineral matter, and we must keep in mind in chick culture that they grow fast and quick, or ought to at least, and must be supplied with such foods as make bone, muscle, feathers, etc., that go to make a well developed bird. In five to six months, our birds should be grown, and ready for business, and will if we give them a chance.



WHITE PLYMOUTH ROCKS.

First prize hen at Southern International Poultry Show, Atlanta, Georgia, December, 1911. Owned and exhibited by Martin F. Schultes, Eartlett, Tennessee.

taken off and ready to feed, I feed corn bread, made in the old fashioned way, with enough eggs added to meal before baking to be about this proportion: Two eggs to one-pound of meal, this bread to be as much as three days old, dry and crumbly, and feed to chicks sparingly for first few feeds, in clean dishes with clean dry sand sifted onto bread-crums. Also place water before them in sanitary fountains. About the fifth day commence to add grain feeds, green food, and sifted beef-scrap with bread-crums, add grit all the way along, and keep everything clean and sanitary. This means much more than I have space to write. Always keep in mind the chick is a "baby," its system won't stand for dirt. The grain food can be commercial chick-feeds, or we can make our own of



WHITE WYANDOTTE COCK.

An Indianapolis winner. A handsome specimen of this popular breed of the "Barkdoll" quality. Bred and owned by Geo. Barkdoll, West Unity, Ohio.

Another point to be noticed in their fast growth is over-crowding; remember fifteen chicks the second week are thirty, and third week forty-five, and fourth week are sixty in capacity or room-space. At this age they are ready to go into colony houses and taken to range, near corn fields or in wheat stubble, to green fields, and hunt bugs and worms and grow. And they certainly will if supplied with plenty of water and feed and shade at all times. If houses do not supply enough shade, shade must be supplied. Birds can't stand too much heat, and it is of equal importance to look to this at night in their houses. Don't over-crowd. Feed regularly a mixture of two-thirds wheat and one-third corn cracked for grain, or if you find some other grain easier and handier, make same proportion considering the analysis of grain, and keep the wheat bran and beef-scrap before them, or same proportion of some other bone building and meat food. At least ten per cent of the ration should be meat food of some kind. These feeds as I have mentioned are available on all farms except beef-scrap which, have to be bought, or supplied in milk, but milk is not always easily fed.

Lice, oh yes! I had almost forgotten. Well, begin on the day chicks are hatched, and fight regularly until they are grown, and then take a rest and commence to fight them until Mrs. Hen is sold. Lice we always have with us, and chicks won't grow with lice; feed can't overbalance parasites. This is up to the attendant. Now as in the beginning, I have only given my experience, that I have gained in more ways than one, and don't want any one to criticise too much, for growing chicks is a great big problem and much to be learned yet, and I am in an attitude to learn. But I am sure if we keep in line with science, (or nature applied) we are going to know much more about chick culture in the future. And as I have said often before, it is not hit-or-miss business, but one that requires knowledge.

THE INDUSTRIOUS HEN

AND

TENNESSEE POULTRY JOURNAL

Devoted to Every Interest of the

Commercial and Fancy Poultryman

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A. P. A. Annual Election

BY THE time this issue of the Industrious Hen reaches its readers, many members of the Association will have cast their ballots in the annual election for officers. Unlike many campaigns of former years, the election this year has created little interest, and there has really been a dearth of candidates. The reason for this is obvious. For several months the editors of this magazine have shared the opinion of a vast majority of the membership, that President Hicks and Secretary Campbell should be re-elected. The service rendered the Association by these two gentlemen is beyond criticism, and those having the interests of the Association at heart were not slow to recognize the folly of displacing these most excellent officials at a time when their services were of most value in the perfecting of plans for the Association's growth.

Reese V. Hicks is the man of the hour in the American Poultry Association today. A more faithful, a more conscientious, a more able official and worker would be difficult to find. The growth in membership during the past year has been phenomenal, and the interest aroused in Associational affairs is most gratifying. We are truly glad that no tangible opposition to President Hicks has developed, and that his re-election to the office, the duties of which he has so successfully administered—and that without opposition—is now assured.

For Secretary Campbell none can speak aught but words of praise. His conduct of the affairs of the office, to which he was nominated without opposition, has been above reproach. He is a man who does things worth while, and we are gratified to know that his retention in the office for another year is the unanimous voice of the membership.

For first Vice-President, Hon. Joseph Russell, of Toronto, Canada, will probably be elected. There are many who believe that Canada should have a voice in the conduct of A. P. A. affairs, and surely there is ground for such contention. Mr. Russell is well qualified for the position, and is highly spoken of as a parliamentarian and presiding officer of rare ability.

For second Vice-President, Dr. W. C. Cleckley, of Atlanta, Ga., will have little or no opposition. Mr. Audiger, the present incumbent, is in Europe, where he will probably remain for another twelve months, and is not a can-

didate for re-election. Dr. Cleckley is a practical poultryman, a thorough business man, well qualified for the position and we trust will be elected.

A spirited race is in progress for places on the Executive Committee. As was expected, Mr. E. E. Richards, of Cedar Rapids, Iowa, led the balloting. He is a candidate for re-election, his record is unimpeachable, and it is but justice that he be retained. Mr. L. C. Byce, who resides on the Pacific Coast, was second in the balloting. He is well spoken of and will doubtless be elected. Mr. Louis Lee Haggin, of Lexington, Ky., received a very complimentary vote, standing high on the list. Mr. Haggin has every qualification to fit him for a place on the executive board; he is making an active canvass for the place, and we trust will be successful.

Nashville will be chosen as the next meeting place almost without opposition. The time of meeting will doubtless be the second week in August as heretofore. Chicago made a bid for the convention, but as that city has made no definite proposition as to how the convention would be entertained, it is likely that most of the votes cast for the Windy City on the nominating ballot will go to Nashville in the general election.—E. H. D.

A Permanent Home for the A. P. A.

Some discussion has been indulged in by the poultry press of the country in regard to a permanent home for the American Poultry Association. "For nearly forty years," says President Hicks, "the American Poultry Association has been a wanderer on the face of the earth without a permanent or fixed abode."

There can be no doubt about the need of permanent and commodious headquarters for the Association. "Poultrymen all over the continent," continues President Hicks, "realize that such a home should be built of permanent material in a central location."

It has been suggested that the American Poultry Association is the "natural custodian of the historical records of the development of the poultry industry in America." The Standard of Perfection should contain the permanent address of the Association, and the location should be familiar to every poultryman in the United States.

President Hicks suggests two difficulties to be overcome before a permanent abiding place for a A. P. A. can become a reality, viz: location and "wherewithal." Like all true publishers, Mr. Hicks inclines to his home town of Topeka, Kansas, but suggests a number of places, any one of which would be desirable for various and obvious reasons—much more so, in our opinion, that Topeka.

Possibly a good plan would be to have a committee on permanent headquarters appointed at the 1912 Convention, get a few good cities in the running, and sound the depth of the more promising. Whatever plan may be adopted, we trust the time is not far distant when a movement will be inaugurated looking to a permanent home for the American Poultry Association.—E. H. D.

Knoxville will probably have a winter show this year. With this object in view, a meeting of the East Tennessee Poultry Association may be called at an early date. As the Appalachian Exposition has been merged with the National Conservation Exposition, doing away with the fall show this year, there would appear to be no reason why Knoxville should not have a big show next winter. And in this connection, why not a great mid-south Poultry show in Knoxville? This is the logical location for the breeders of two great sections to come together in one of the largest shows ever held in the South. Knoxville is the center of a network of railroads, making it of easy access to every section of the country. It is the geographical center of a great poultry producing section, and its past shows have been characterized by the honesty and fairness of their promoters. Let's have a big show in Knoxville.

Would not biennial elections and biennial conventions answer the needs of the American Poultry Association, and save money that might otherwise be used to better purpose? We believe also that the offices of secretary and treasurer should be combined, and that the work would be greatly facilitated thereby.

The East Tennessee Farmers' Convention and Institute will be held at the University of Tennessee May 21, 22, 23. A program of unusual interest to farmers and poultrymen has been arranged.

Flotsam & Jetsam

By The ASSOCIATE EDITOR

A newspaper dispatch from Copenhagen says that the wise consumer in Denmark asks his grocer for "society" eggs. The wise farmer in Denmark is a member of the Dansk Andels-Aegexport—the Danish Co-operative Egg Export society. The farmer member is one of a group of not less than ten. He is provided with a rubber stamp something like this—"5-29-X." "5" is the district, "29" is the group and "X" is the farmer.

The farmer delivers all his eggs to the society, each egg stamped "5-29-X." The eggs go to a packing center, and thence to the co-operative retail societies to be sold to the consumers. A consumer complains: "One of the half-dozen eggs I bought yesterday was bad. The stamp was '5-29-X.'"

"So!" says the manager and refers to a little book. Then he writes to group 29 in district 5 that X has passed off a bad egg. Group 29 looks up X, who cannot deny the testimony of the stamp on the egg shell.

"It is your first offense, X," says group 29; "you must pay a fine. Don't let it happen again." X is more careful next time. The second fine would be much heavier. The third time he would be fired.

That is why the farmers of Denmark are practically all members of the co-operative societies and why they very, very seldom sell rotten eggs. The public knows that "society" eggs are fresh. The public and the dealers alike are suspicious of the farmer who is not a society man.

There are 550 of these egg "groups" in Denmark. They do a trade amounting to about a million dollars a year.

A meeting of the Western North Carolina Poultry Association was held at Henrietta March 2, and a reorganization effected, the following officers being elected: L. C. Lawrence, President; George W. Rollins, Vice-President; D. B. Johnston, Secretary and Treasurer; J. Austin Turner, Assistant Secretary, and A. S. Harrill, Superintendent. This was a great meeting of enthusiastic fanciers and ample funds were provided to meet all current expenses. The show will be held December 12, 13, and 14. Application has been made for membership in the American Poultry Association and the management will leave no stone unturned to make this the best show in the State.

The poultry industry received merited recognition at the Southern Commercial Congress, which met in Nashville recently. The following program of interest to poultrysmen, was one of the most interesting features of the meeting:

John A. Murkin, Nashville, Tenn., "The Poultry Industry in the South."

Loring Brown, Smyrna, Ga., "Up-building of the Poultry Industry."

Mrs. Florence Forbes, Decatur, Ala., "Women in the Poultry World."

Hon. O. P. Barry, Alexandria, Tenn., "Poultry Shippers' Organizations."

Mr. H. C. Pierce, Philadelphia, Pa.,



A "Best in the World" White Wyandotte of J. C. Fishel & Son, Hope, Ind. They have 20 pens mated for the egg trade, and will be glad to send you, free, illustrated mating list describing these pens.

"Proper Methods for the Marketing of Poultry and Eggs."

What promises to be one of the largest and most influential poultry association ever organized in the South, was formally launched in Charlotte, N. C., recently, when the stockholders of the South-Eastern Poultry Association met and elected a board of directors, after which the directors elected officers for this year.

After enthusiastic and interesting remarks by several of those present, the following efficient board of directors was elected: Harry P. Shaw, Gaffney, S. C.; G. T. Webb, Richmond, Va.; J. A. McAulay, Rockingham; J. W. L. Thompson, Statesville; Mrs. C. B. Campbell, Asheville; J. E. Thomas, Charlotte; S. H. Hackney, Charlotte; W. B. Alexander, Charlotte; B. S. Davis, Charlotte; P. S. Powell, Charlotte; R. L. Simmons, Charlotte.

Immediately after the board of di-

rectors were elected they held a meeting and elected the following officers:

President, Edgar B. Moore, Charlotte; Vice-President, B. S. Davis, Charlotte; Secretary, R. L. Simmons, Charlotte; Assistant Secretaries, W. R. Byford, Charlotte, and O. R. McAulay, Rockingham; Treasurer, W. B. Alexander, Charlotte; Superintendent, A. S. Harrill, Ellenboro; Assistant Superintendents, William Hannon, Charlotte, and F. J. Wortman, Morganton; Attorney, F. R. McNinch, Charlotte. January 4-8, 1913, was selected as the dates for the show, and the Secretary was instructed to correspond with several of the most prominent judges with a view to securing their services. This association is incorporated under the laws of North Carolina and has at present about one hundred stockholders. The shares are \$5 each, and the officers are anxious to secure at least two hundred stockholders in the next sixty days. Every poultry

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Joel M. Foster, a young man, made \$19,484.83 in one year. The Curtis boys made \$100,000 from their chickens. Mr. Parrin made over \$1,300 on a village lot. The Cornings (father and son) made \$12,000. One man made over \$35,000 in two years. Ernest Kellerstrass made \$18,178.53 last year. E. R. Philo made \$1,500 from 60 hens in 10 months.

Many others are making a snug fortune each year. Are you? Remember, you can make an independent living from chickens on a city lot, right in your own back yard. Read "A Fortune Raising Chickens on the No-Yard Plan" in American Hen Magazine.

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IF YOU WANT ORPINGTONS

OF QUALITY (WHITE, BLACK OR BUFF.)

I have them. Eggs \$3.00 per 15 now or at any time. Carneaux Pigeons \$3.00 per pair.

W. G. ALLWORDEN, Route 3, Columbia, S. C.

breeder in the State will be urged to take at least one share, and thus assist in putting this association in the front rank.

When a certain Mobile man stopped for luncheon at the small railway station eating house in a Mississippi town, an old darkey shuffled up and announced in a gruff voice, that the bill of fare consisted of ham, eggs, corn bread and coffee.

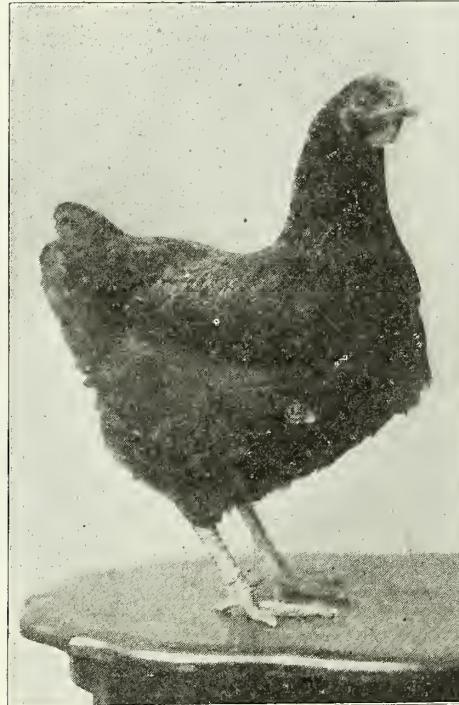
After due deliberation the traveler stated that he would like some ham, eggs, corn bread and coffee.

Such a pretentious order for one person only appeared to stagger the aged servitor. But he soon recovered his equanimity and started toward the kitchen. Then he turned and came back with this inquiry:

"Boss, how will yo' hab dem eggs, blind or lookin' at yer?"—Lippincott's Magazine.

The "Sun" among other important convictions in the New York courts reports the following:

The Greenwood Supply Company,



PARTRIDGE WYANDOTTE.

First pullet at Appalachian Exposition Poultry Show, September, 1911. Bred, owned and exhibited by R. A. Swadley, Johnson City, Tennessee.

dealer in poultry and foodstuffs at West Fourteenth street was convicted in Special Sessions yesterday of selling putrid chickens for food purposes. A Board of Health inspector found 170 pounds of chickens in the Greenwood place on sale at five cents a pound.

Frederick W. Greenwood, president of the corporation, testified that although the fowls were not of the best quality they were good enough for a certain class of trade.

"What class is that?" asked Presiding Justice Zeller.

"The cheap restaurants," said Greenwood. "The ordinary table d'hote places."

Justice Zeller boiled with indignation.

"It's a great pity I can't impose a prison sentence on you," he said. "You ought to be in jail. Six months would be a light punishment for sell-

EGGS, EGGS, EGGS

from Barred Plymouth Rocks, White Wyandottes, and S. C. White Leghorns. Are you going to buy eggs for hatching this season? Then why not get them where you can get them at reasonable prices? Ours are as pure in blood, as fine in personal merit as any breeder can offer you. They win and breed on, and at about one-third what other breeders would charge you. We are the largest high-class thoroughbred poultry breeders in the South. We have spared neither pains nor expense in getting the best strains in the United States. All our breeding stock are of the very best quality, and whether you buy chicks, eggs, or stock, you are certain to get the best grade on the market. We have only one grade—the best—and one price to all. Eggs, all breeds, \$1.50 per 15, \$2.50 per 30, \$7.50 per 100. After March 1 we can furnish day-old chicks at 15c each. Safe arrival guaranteed. Address all correspondence to

BIG FOUR POULTRY FARM RANDLEMAN, N. C.

Breeders of the greatest egg-laying exhibition strains of S. C. W. Leghorns, Barred Plymouth Rocks, and White Wyandottes.

LaFollet's WEEKLY MAGAZINE

and The Industrious Hen, both one year, and a copy of "Hen and Chicks" for \$1.25. Send orders to The Industrious Hen, Knoxville, Tenn.

THE Breed Partridge Rocks

- ¶ All the utility of the Rocks.
- ¶ Handsomer than Whites or Buffs.
- ¶ No troublesome double mating.
- ¶ Eggs from birds bred by Noftzger (originator) \$5.00 a setting.

PERCY H. WHITING R. F. D. 3, : DECATUR, GA.

The best S. C. R. I. RED EGGS, Tompkins, \$5.00 a setting.

Fight Lice Right With Lee's Lice Killer



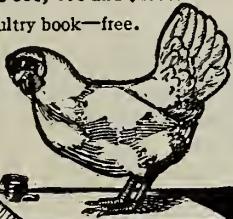
Rid your poultry and poultry houses of all vermin. Do it easily without the disagreeable work incident to dusting, dipping, greasing, treating each fowl separately. Remember dipping causes colds, roup, and weakens the bird's system. Don't spend time treating each bird individually—treat them all at once by using Lee's Lice Killer.

Comes in Liquid Form Apply with Brush to Roosts

Kills all vermin quickly, whether on the chicken's body or on roosts. The fumes go everywhere—into the fluff of feathers, into cracks, into every nook and corner. Insects cannot live in the odor of Lee's Lice Killer. It is 100% more effective in killing insects and disease germs than its nearest competitor. Is entirely unharful to poultry. Don't let your chickens suffer—don't put up with the consequent reduction in profits. Get a can of Lee's Lice Killer today. Rid your premises of lice, mites, chiggers, ticks, etc. Convenient sizes—prices 35c, 60c and \$1.00.

Send for Lee's great poultry book—free.

GEO. H. LEE CO.
1113 Harney St.,
Omaha, Neb.



Lee's LICE KILLER

RUBBER STAMPS

We make them every day.

S. B. NEWMAN & CO.
KNOXVILLE, TENN.

24 LEGBANDS FREE MAKE YOUR HENS PAY



We send free 24 of the best Leg Bands made to every new and renewing subscriber to THE INDUSTRIOUS HEN at 50c. 88 Bands will be sent with a three years subscription for \$1.00. If you are already a subscriber you may renew; or if you will get your neighbor to send 50c for his subscription, we will send a dozen Leg Bands to each. Enclose money order or stamps. Mention "Leg Bands" when subscribing under this offer.

INDUSTRIOUS HEN CO., Knoxville, Tenn.

ing stinking chickens to be used in small restaurants. But I cannot send a corporation to jail, so I will impose the maximum penalty, \$500.

Mrs. J. C. Deaton, of Landis, N. C., writes the editor of this department as follows: "I have one R. C. Rhode Island Red hen in my flock, weaned a brood of late chicks about December 15, and began to lay. She laid forty-four eggs by February 13th. Their average weight being five eggs per pound, she laying the most uniformly large egg I have ever seen. With her as a foundation, I am breeding a strain of "large egg" Reds, having already incubated thirty-six of her eggs this season. Eggs will soon sell by the pound."

The people down in New Orleans have the right idea for lessening the cost of living. There are from eight to ten thousand families in that thriving city who keep poultry in their back yards. With eggs at the high water mark these people are not only making money but saving it as well. A



PARTRIDGE WYANDOTTE.
First cock at Ashville, December, 1910. Also highest scoring cock bird in show, all classes competing. Bred, owned and exhibited by R. A. Swadley, Johnson City, Tennessee.

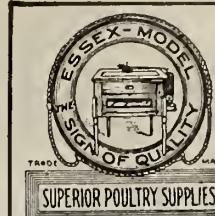
few hens in the back yard help things along wonderfully in these times, and besides one derives a great amount of pleasure in keeping fowls that could not be had otherwise.

"What do you sell these fowls for?" the snappy old lady asked.

"For profits ma'am," was the sharp reply.

"Glad you told me they are prophets," she replied, passing to the next stall, "I should have thought they were pioneers."

B. Youngblood, director of the Texas agricultural experiment station, announces that poultry departments are to be added to each of the experiment stations in the State. It is Mr. Youngblood's purpose to start purebred flocks at each station with one male and twelve females of each variety. Later he will inaugurate egg-



INCUBATORS
BROODERS
HOVERS

17 Sizes \$2.25 to \$48

SPECIAL THIS MONTH

Nutrine Chick Salts

(Makes chicks grow)

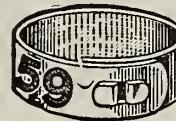
Chick Punches

Lice Killers

Write for FREE catalogue containing five chapters on Poultry raising written personally by Robert H. Essex.



Address nearest office
Robert Essex Incubator Co.
229 Henry St., Buffalo, N.Y.
67 Barclay St., New York City



IDEAL ALUMINUM LEG BAND

To Mark Chickens

CHEAPEST AND BEST

12 for 15c; 25-20c; 50-35c; 100-60c.

Sample Band Mailed for 2c Stamp.

Frank Myers, Mfr. Box 50, Freeport, Ill.

PARRISH

Originated the Light Brahma-
White Wyandotte Cross

Columbian Wyandotte

If you want the best in this breed, you had better see my catalogue before buying. I have furnished winners for shows in nearly every state in the union.

T. REID PARRISH

Licensed Poultry Judge

N. Sta., Nashville, Tenn.

Eggs and Baby Chicks AT HALF PRICE

After May 10, 1912. Book Your Orders Now

THE GREAT BUSCHMANN-PIERCE STRAINS OF

Rhode Island Reds

Non-Fading
ROSE COMBS : ALSO : Best Quality
SINGLE COMBS

Just think of the chance of getting a start, or improving your flock with these great strains at these prices. All \$30.00 settings, \$15.00; \$20.00 settings, \$10.00; \$15.00 settings, \$7.50; \$10.00 settings, \$5.00; \$5.00 settings, \$2.50; \$3.00 settings, \$1.50 or \$7.50 per 100. After May 20th, Baby Chicks, 25 cents, 50 cents, 75 cents, \$1.00 and \$1.50 each, these are one-half the regular price. 100 Utility females and 50 males, \$1.00 each now. After June first, we will sell about one-half of our past seasons breeders at less than one-half their regular price. We will need the room for our large number of growing youngsters, and will sell these at bargains. Get your order in early. "First come, first served." Our new greatly enlarged book, "ORIGIN and HISTORY of RHODE ISLAND REDS," with other valuable information, should be in the hands of every breeder of this Breed. It will be sent for 20 cents in stamps or cash.

BUSCHMANN - PIERCE RED FARMS
Box H, CARMEL, INDIANA

— Rendotte Strain of — WHITE WYANDOTTES

Are the kind that produce results, either in the show room or the laying house. A few surplus cockerels for sale at prices that will move them. Now booking orders for eggs for March, April and May delivery. Also a few pair of genuine Old English Runners for sale at \$5.00 per pair.

J. H. REYNOLDS
P. O. Box 300 I, : Atlanta, Georgia

PRESCOTT'S ORPINGTONS

BUFF, BLACK, WHITE, and DIAMOND JUBILEE

WON AS FOLLOWS:—At New York, Dec., 1911, won 6th cock, 6th hen, 4th pullet, and 4th pen in Buffs; 1st cock, 1st hen, 3d pullet and 5th cockerel in Diamond Jubilees. At Boston, Jan., 1912—Buffs, 3d and 4th hen, 2d pullet and 5th pen; Blacks, 1st cockerel, 1st pullet, 5th pullet, on three entries; Whites, 3d cock, 5th hen, 3d cockerel, 6th pullet and 2d pen; Diamond Jubilees, 3d cock, 1st hen, 1st cockerel, 1st pullet. These grand birds are all in my mating yards. Orders for eggs will be made up from all the pens of the variety selected. Our terms are 60 cents per egg, \$30.00 per 50, and \$50.00 per 100.

HENRY B. PRESCOTT
NO. BOX 25 : : DERRY VILLAGE, N. H.
SEND FOR MATING LIST. STOCK FOR SALE.

HEN & CHICKS

The best Poultry book ever published, and The Industrious Hen one year, 75c, or two years, \$1.00.

laying contests between the various stations, as well as contests in the production of fryers and broilers. Texas poultry breeders are greatly interested in the movement. A chair of poultry husbandry has also been established at the Georgia State College of Agriculture, L. L. Jones, a graduate of the Michigan Agricultural College, having been appointed instructor.

The New York Produce Review and American Creamery says: "Jacob Ginsberger, a butcher of New York City, was sentenced to three months in the penitentiary for inserting one to two pounds of lead in each of his Thanksgiving turkeys. Ginsberger's customers complained to the Bureau of Weights and Measures and Inspector Albert Lutz bought a turkey and with a small axe cut it open before the butcher, exposing a two-pound sinker. Investigation showed that nearly every turkey in the place was freighted."

That was some egg sent to The Chronicle poultry editor last week by Mr. A. W. Banks, of No. 208 North McDowell street. The egg was about four inches long and measured nearly eight inches around. Inside of the egg was another average size egg, with hard shell, and contained the usual amount of yellow and white meat. Inside of the first shell was two yellows, making the egg contain two shells and three yellows.—Charlotte, N. C., Evening Chronicle.

H. F. Rau, of Spannway, Wash., who has been breeding poultry since 1875 and who now produces 75,000 chickens annually, says that at the present price of feed it costs \$1.25 per year to keep a Leghorn, \$1.50 to keep a Rhode Island Red, and \$1.75 to keep a Plymouth Rock.

Over at Spartanburg, S. C., the boys have organized an association for the purpose of getting the boys of Spartanburg county to breed and exhibit thoroughbred chickens. They held a show in February and will hold another show next fall or winter. An effort is being made to have every boy and girl in the county join the association and show their birds.

Alexander county is the smallest county in North Carolina, yet the products of this county in chickens and eggs alone will surpass that of many of the larger counties, says the Charlotte Evening News. Last month there was shipped out of this county 19,530 dozen eggs, 7,438 little chicks and 8,380 pounds of butter. In addition to the above a large quantity of butter, eggs and fowls were hauled out by wagons and marketed. Who was it that said, "there is no money in poultry raising?"

"When I arose to speak," related the martyred statesman, "some one threw a base, cowardly egg at me."

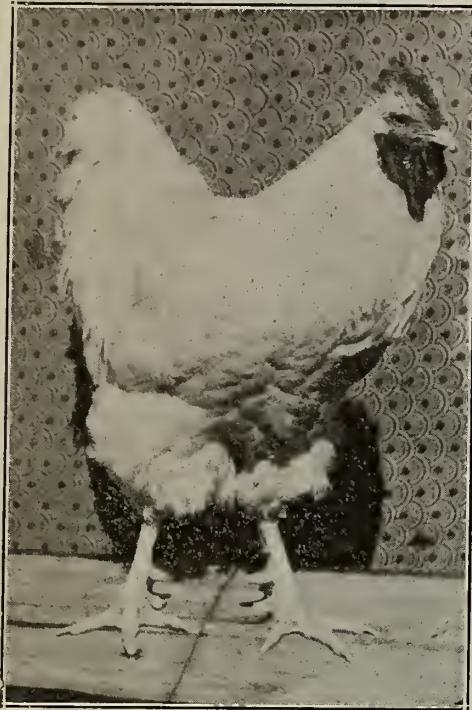
"And what kind of an egg might that be?" asked an attentive listener.

"A base, cowardly egg," explained the statesman, "is one that hits you and then runs."—St. Paul Pioneer Press.

Mr. E. G. Wardin, a contributor to

this magazine, and one of the South's most practical poultrymen, is a candidate for State poultryman to fill vacancy caused by resignation of J. S. Jeffrey. Mr. Wardin is well qualified for the position and we hope he will land the job.

"Waiter," said a gentleman in the dining car, "have you got any gooseberry pie?" "No, sah," replied Cuf-



Single comb crystal White Orpington cock. First prize winner at Dalton, Ga., poultry show, November, 1911, and second prize cock at Chattanooga poultry show, December, 1911. Owned and exhibited by Geo. M. Moseley, Mento, Georgia.

fey; "ain't carrying any dis yeah, sah." "Why is that?" "Well, you see, sah, dey's scarce this season. Last winter was so cole an' stormy dat it was mighty tough on de geese."—Ex.

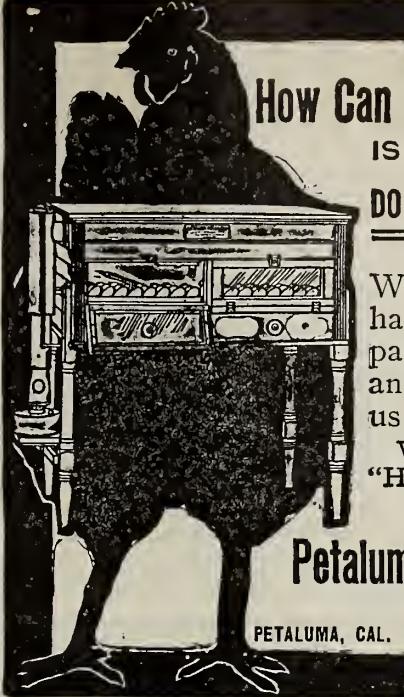
The city of Cleveland, Ohio, has decided to go into the poultry business and 2,000 chickens will be purchased and a poultry plant established at the state farm at Warrensville with a view of at least raising enough poultry and eggs for the city institutions. At 30 cents per dozen the city now spends \$72 a day for eggs.

"If I can live
To make some pale face brighter, and
to give
A second luster to some tear-dimmed
eys,
Or e'en impart
One throb of comfort to an aching
heart,
Or cheer some wayworn soul in
passing by;
If I can lend
A strong hand to the fallen, or defend
The right against a single envious
strain,
My life, though bare,
Perhaps of much that seemeth dear
and fair
To us on earth, will not have been in
vain."—Helen Hunt Jackson.

ENGRAVED CALLING CARDS

WITH PLATE, \$1.25 per 100.

S. B. Newman & Co., Dept. B, Knoxville, Tenn.



How Can I Make Money With Poultry
IS A QUESTION OFTEN ASKED

DO IT THE CALIFORNIA WAY

Which simply means our way. We have put thousands of people in various parts of the world on the right track, and can do it for you if you will give us a chance.

Write for our free Catalog and Booklet, "How It All Came About."

WE PAY FREIGHT

Petaluma Incubator Company

PETALUMA, CAL. INDIANAPOLIS, IND.

Saltkeatchie Poultry Yards

Barred Ply. Rocks, S. C. W. Leghorns, S. C. Buff Orpingtons

We have nothing but thoroughbred stock, therefore one price for stock and eggs. Correspondence solicited.

AUSTON WEIGAND, Mgr., Schofield, S. C.

Dobbs' Perfection White Orpingtons

Win at Appalachian Exposition, Knoxville, Tenn., Georgia State Fair, Macon, Ga., and the Grand Central Show of the South, Atlanta, Ga., a grand total of Seven First, Six Second, Nine Third, Six Fourth and Five Fifth Prizes. Winning at Macon, Ga., Grand Sweepstakes for Best Cockerel in the Show, Silver Cup for Best Male in the show, Sweepstakes for Second Best Cock in the Show (winning first sweepstake on S. C. Rhode Island Red cock—pretty good winning to win first and second best cocks in the show); winning more display points at these three shows than all my competitors combined. These winnings added to my winning at Augusta, Ga., Memphis, Tenn., Little Rock, Ark., and Tupelo, Miss., makes a grand total winning equaled by few breeders of the most popular chicken in the United States today.

I offer eggs from his grand flock at \$3.00, \$5.00, \$10.00 and \$15.00. Stock at \$2.50, \$5.00, \$10.00 and \$15.00. Let me help you win the Blue at your next show. Send for Mating List and buy stock or eggs.

CHARLEY DOBBS : : Gainesville, Ga.
P. S.—See my Rhode Island Red ad in this issue for the grandest winning of Championship for Supremacy ever made by any breeder in the South.

SINGLE COMB BUFF LECHORNS

Campbell's Buffs the best in the South. Blue Ribbon winners wherever shown.

At the Great Appalachian Exposition, won Grand Prize Silver Medal and Diploma for Best Cockerel in the Mediterranean Class, also eleven ribbons on Seven entries; specials for shape and color. At Asheville, 1910, won Grand Prize Gold Medal and Diploma for Best Cockerel in the Show. Two grand prize Silver Medals and Diplomas won this winter on one cockerel for best cockerel in shows. One pen of nice S. C. BUFF ORPINGTONS and prize-winning INDIAN RUNNER DUCKS. Write for my Mating List before placing your orders elsewhere.

MRS. C. B. CAMPBELL, - - Asheville, N. C.
THE LEADING BUFF LEGHORN SPECIALIST OF THE SOUTH.

Secretary-Treasurer North Carolina Branch A. P. A.; Third Vice-President of American Leghorn Club; State Vice-President of the American Buff Leghorn Club.

Orpingtons of Merit--Buff, Black, White

Winners of two Silver Cups, Gold Medal, One Special and Thirty-two Ribbons. We have some superior matings. Stock and eggs for sale. Eggs now \$5.00 per 15. We are proud of our high percentage of fertility and our superior breeders. Orders filled as received and prompt attention to all communications.

THE LAWSON CO. : : **Dept 4, Birmingham, Ala**

BARRED PLYMOUTH ROCKS

Eggs for sale from matings that are grand in utility and fancy qualities. If you want eggs that will hatch and develop into strong, vigorous, prize winning, paying birds, we have them. We have pleased others. We can please you. Give us a trial. Write for show record and description of matings.

WOLF CREEK POULTRY YARDS, M. H. SMITH, Prop.,

Box 242, Abingdon, Va.

Buff Ply. Rocks, "Giant" Strain Bronze Turkeys and Indian Runner Ducks

Quality backed by years of careful breeding. Our birds are winners in our hands and customers at Louisville, Cincinnati, Chicago, Boston, Indianapolis and Atlanta. If you wish quality, combined with honorable treatment, we can fill your orders and at prices most reasonable. Stock in either variety mated, no kin, and in any number. Write for prices, etc.

J. C. CLIPP - - - Box 700, Saltillo, Ind.

Single Comb BROWN LEGHORNS

Won 1st cockerel, 1st hen, sweepstakes cup, International show, Atlanta, Ga., Dec., 1911; 1st cockerel, 1st pen, Indianapolis, 1912. Eggs for hatching from prize-winners, \$1.50 up. Guaranteed fertile. Also have S. C. Rhode Island Reds and Indian Runner Ducks. Mating list free. L. P. MATTHEWS, Thorntown, Ind.

BAKER'S FARM BIRDS

Win for us; win for others—WILL WIN FOR YOU. Blue Ring BARRED ROCKS, WHITE WYANDOTTES, S. C. BROWN LEGHORNS, Light Fawn and White INDIAN RUNNER DUCKS. Twenty-two prizes and several specials at the South's greatest shows, Nashville, Chattanooga and Atlanta, 1911. Prompt shipment. Write me.

MRS. CLARA M. BAKER : : Antioch, Tenn.

DENSMORE'S S. C. WHITE LEGHORNS

WIN, LAY and PAY—

We have the best laying and exhibition strain in the South. Get our mating list and prices before ordering. Eggs from utility pens, \$6.00 per 100. Day-old chicks, \$12.00 per 100.

SATISFACTION GUARANTEED

THE DENSMORE POULTRY FARM, Inc. : : Roanoke, Virginia

WHITE ORPINGTONS (Exclusively)

My winnings on WHITE ORPINGTONS (Cook Strain) at CARTERSVILLE, GRIFFIN and DALTON were eight firsts, seven seconds, four thirds and five special prizes. EGGS—\$5.00 and \$10.00 per 15. Stock for sale.

H. A. BLACK, Cartersville, Ga.

EGGS---\$2 Per Sitting of 13

S. C. White and Brown Leghorns, White Wyandottes, Barred Plymouth Rocks, Houdans, Black Minorcas, Light Brahmas, Cornish Indian Games and S. C. Rhode Island Reds. Large Pekin and Indian Runner Duck eggs, \$2.00 per 11. Send for folder. It's free. Exhibited ten birds at the great Southern International Poultry Show, Atlanta, Ga., and won three firsts, three seconds and three thirds, 4,500 birds competing. Also won at Baltimore, Md.

NEVIN POULTRY YARDS, Wardin Bros., R. 7, Charlotte, N. C.


Mammoth Bronze TURKEYS For Sale
Old and young stock from two magnificent flocks, mated for largest size and best plumage. When buying be sure you buy the best. My breeding toms for six years have weighed from 43 to 50 lbs. at 18 and 20 months of age. Won many prizes in the leading shows, scoring from 96 to 97½ points. I can furnish you young stock that will grow that way for you. Do not delay buying your breeding stock early. Also Barred Plymouth Rock Chickens from the best prize-winning blood. Eggs in season. Member A. P. A. MRS. J. C. SHOFNER, Booneville Poultry Yards, Route 1, Mulberry, Tenn.

Indian Runner Ducks and Buff Leghorns

I am better prepared to give you good birds than last season. BUFF LEGHORNS are direct from first prize winners at Appalachian Exposition, Knoxville, Tenn., 1910. Also won first on pen, first on cockerel, Appalachian Fair, Newport, Tenn., 1911. My INDIAN RUNNERS are as good as the best. Win wherever shown. Eggs at all times. Stock all sold. Write me.

BEN CALFEE : R. 7, Morristown, Tenn.

A. P. A. Notes and Comments

By E. H. DePOY, Associate Editor

Mr. McGrew Not a Candidate.

When I met Mr. Reese V. Hicks at the Madison Square Garden Show, in December, I told him that I would not be a candidate for President of the American Poultry Association. I still maintain this position and I must decline to be a candidate for two reasons: First, my time belongs to my employer, the International Correspondence School, and to the five thousand poultry students directly under my charge. Second, I cannot see my way clear even to attempt to give the time to the business of the Association that would be necessitated by the position of President.

I wish to thank the members of the Pennsylvania State Branch for having endorsed me for their candidate. I wish to thank all those who cast their vote for my nomination, all members of the Association for their many acts of courtesy, and the poultry press for the words of kindness expressed in my behalf.

I hope that the vote of the Association will be cast for Mr. Hicks for President and for Mr. Campbell for Secretary, and that all members will take hold willingly to make the American Poultry Association bigger and better than ever before.

Very truly yours,
T. F. McGREW.
Scranton, Pa., March 12, 1912.

Mr. J. D. Koons, Editor of the A. P. A. Department of Poultry Fancier, sees the true need of the Association and voices it as follows in the April issue of that magazine:

"The great thing the American Poultry Association needs is publicity of the right kind. You as a member can give it that publicity by talking to your friends and telling them of the good work the A. P. A. is doing through its members, its branches and its committees.

"Tell them how it is making a fight for better express rates, and what is even more important, better express service. Tell them that it is, through its officers and committees, making a fight for a parcels post which will give better express facilities and give two methods of sending many small parcels. Tell them how its Branches in Missouri, New York, New Jersey, Kansas, Ohio, Illinois and other states have been able to secure appropriations running from \$5,000 to \$90,000 each. Tell them how it expels mem-

bers who are dishonest and will secure a fair and just settlement of disputes between seller and buyer. Tell them how by joining the A. P. A. they can wear an A. P. A. button, print the emblem in their ads. or on their letterheads, and thus have a live, progressive body of 4,000 poultrymen behind them, to say nothing of the backing of the poultry clubs and poultry show associations. Tell them that the A. P. A., besides publishing the Standard has supervision of the show rules, supervision of the judges, and through its supervising care has developed and is developing the poultry industry.

"Make yourself a committee of one to secure at least one new member during the next three months."

Mr. R. L. Simmons, of Charlotte, has been elected President of the North Carolina Branch, A. P. A.

SPLENDID LAYING RECORD.

Eighty-six eggs in twenty-three days is the record of a pen of nine Ancona pullets belonging to us. The pullets were four months and twenty days old the day the first egg was laid, March 8th and the record kept was for the balance of the month only. Is not this a good reason for discarding some of the breeds now being kept by poultrymen in this country which scarcely pay for their keep?

A few words regarding this comparatively new breed may not come amiss here. The Anconas are fast coming into their own, especially in the South where an increasingly large number of fanciers and farmers are taking up the Anconas and discarding some less productive breed. As a utility fowl, Anconas are second to none. Trap nest records show better than 260 eggs a year to their credit. They have the best records of any breed in foreign government tests. Like other Mediterranean breeds, Anconas are non-sitters, very prolific, moderate feeders and profitable in every way. They are hardy and easy to raise. On open range they will pick up a large part of their feed. They stand confinement well and are accordingly a proper fowl for the city dweller where free range is not always to be had.

In many other ways not mentioned here, Anconas are showing themselves to be the ideal fowl for the poultryman and worthy any fancier's while to take up for the purpose of experiment. It is our belief that the South is just awakening to the knowledge of the value of the Anconas for all purposes.

L. A. GEORGE.

"My husband is a fool!" snapped Mrs. Owter Towne.

The visitor expressed only mild surprise, but the suburban lady was moved to explain:

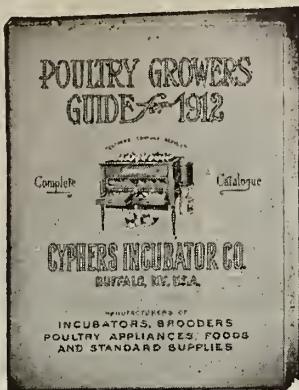
"You know I wanted to persuade our hens to lay in the nests we had provided for them. So I telephoned my husband to bring home a couple of artificial eggs with him."

"Well, and didn't he?"

"Didn't he? The idiot brought home a pair of cork legs."—Boston Herald.

Purchasing eggs from a good breeder is a good way to secure new breeding stock for infusing new blood into your flock. Inbreeding spells failure.

EVERYTHING FOR POULTRY-KEEPERS



We manufacture more than one hundred articles for up-to-date, progressive poultry-men and women. Every article warranted to be as represented and guaranteed to give satisfaction or money refunded. Standard goods we manufacture and sell include following:

Incubators	Laying Mash	Pigeon Supplies
Brooders	Short-Cut Alfalfa	Lice Powder
Brood Coops	Mealed Alfalfa	Roost Supports
Chick Shelters	Full-Nest Egg Food	Roofing Paper
Brooder Stoves	Nodi Charcoal	Spray Pumps
Leg Bands	Poultry Remedies	Powder Guns
Caponizing Sets	Napcreol (Disinfectant)	Wire Fencing
Chick Food	Anti-Fly Pest	Bone Cutters
Developing Food	Egg Preservative	Chick Markers
Growing Mash	Fumigating Candles	Bone Mills
Fattening Mash	Drinking Fountains	Root Cutters
Scratching Food	Grit and Shell Boxes	Nest Eggs
Fertile Egg Mash	Food & Water Holders	Poultry Books

Our Complete Catalog for 1912 consists of 244 pages, 7½x10 inches, and contains an illustrated description of all goods we manufacture. Eight valuable chapters on "Cyphers Company Way" of increasing egg-yield, producing prime table poultry, etc. Latest labor-saving devices and money-making ideas. FREE, postpaid, to any address if you mention that you saw our advertisement in this paper. Address Home Offices, or Branch Store nearest you.

CYPHERS INCUBATOR CO., Dept. 13, BUFFALO, N. Y.

Branch Stores and Warehouses { NEW YORK, N.Y. BOSTON, MASS. CHICAGO, ILL. KANSAS CITY, MO. OAKLAND, CAL.
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THE VERY BEST Imported Orpingtons and Indian Runner Ducks

Eggs from our best stock delivered direct to you, express prepaid from England, at \$5.00 per fifteen eggs. Our birds have won at the largest shows in the world. We have been breeding for thirty years, and our strain is well known in England and abroad. We must have your orders early in order to deliver the eggs when you want them. These eggs will produce prize-winners of the highest type. This is the greatest offer ever made in Orpington eggs. We furnish the Buff, Black and White, and have some fine stock for sale, either show birds or high class breeders.

DON'T FAIL TO ENTER YOUR ORDERS FOR EGGS NOW

CHARLES S. FRASER, : : Marlton, New Jersey

Representing in the United States MESSRS. RICHARDSON & JONES, in England



S. C. WHITE LEGHORNS, INDIAN RUNNER DUCKS, RUFUS RED, BELGIAN HARES.

Stock and Eggs for sale at all times. Send 3c in stamps for booklet and catalogue, tells how to make these breeds pay.

Kling & Hawkins, Poultry Yards and Rabitry. Box "E"

Meridian, Miss.



EGGS!—EGGS!—EGGS!

We are now ready to book orders for eggs for hatching from the

Quintus Shepherd Strain W. PLYMOUTH ROCKS

Our matings cannot be surpassed in the South. Mating List free. Correspondence solicited. Address all communications to .

ALTAMEDE FARM : Shepherd, Tenn.

CHOICE POULTRY YARDS

Nine Varieties: S. C. WHITE LEGHORNS (Specialty), S. C. BROWN LEGHORNS, S. C. BLACK MINORCAS, WHITE WYANDOTTES, ROSE and S. C. RHODE ISLAND REDS, S. C. BUFF ORPINGTONS, S. S. HAMBURGS, and BLACK BREASTED RED GAME BANTAMS. Breeding yards composed of the very best and finest to be seen in any yards. Some fine breeders for sale at reasonable prices, backed by our guarantee. Send us your orders; we will send you the very best we can afford for the price, and guarantee satisfaction or refund your money. Catalogue free.

J. P. SWIFT & SON,

: Waynesville, N. C.

EGGS! EGGS! EGGS!

From as handsome WHITE ORPINGTONS as can be bought; also choice matings of WHITE MINORCAS, WHITE ROCKS, WHITE LEGHORNS, INDIAN RUNNER and MUSCOVY DUCKS. Prices of Orpington eggs and stock will be furnished on application; other pens, \$2.00 per sitting.

ELM PLACE POULTRY YARDS, Glasgow, Kentucky

MRS. T. P. DICKINSON, Owner

Ballard's BUFF ORPINGTONS

(I HAVE NO OTHER BREEDS)

If you want to raise real BUFF ORPINGTONS that are bred right, look right, and will win and lay more eggs than any other strain, send for my handsome illustrated Mating List. Free. More BUFFS and better BUFFS than ever before. The winning and laying habit stamped indelibly in them.

W. H. BALLARD, Box H, R. F. D. No. 4, Memphis, Tennessee
BUFF ORPINGTON SPECIALIST.

PARTRIDGE PLYMOUTH ROCKS

PRIZE WINNERS AT ALL THE LEADING SHOWS.

At the recent Cleveland show won eight premiums on eight birds entered. Stock and eggs. Catalog free.

ROCKWOOD FARM **Box T** **Norwalk, Ohio**

Stock for Breeders, Eggs for Hatching at Half Price

WHITE ORPINGTONS, \$3.00 each. Eggs, 15 cents each. RUNNER DUCKS, \$2.00 each. Eggs, 12 for \$1.00. WHITE RUNNER DUCK EGGS, 12 for \$3.00. The cheapest price in the South. Order now and save one-half. Good stock only. Fair treatment and prompt shipment.

MUNNIMAKER POULTRY FARM : **Normandy, Tenn.**

NUSZ'S ROSE COMB RHODE ISLAND REDS and WHITE RUNNER DUCKS

PRIZE WINNERS. HEAVY WINTER LAYERS. BEST BLOOD LINES.
Eggs, \$2.00, \$3.00 and \$5.00 per setting. Write for free catalogue.

MRS. H. R. NUSZ : : : **Cecilian, Kentucky**

TERRELL'S S. C. R. I. REDS

Bred for utility, also fancy points. My birds have been winners since 1904 at such shows as Aberdeen and Meridian, Miss.; Nashville and Bristol, Tenn.; Augusta and Atlanta, Ga.; Houston and Marshall, Texas; Charleston, S. C.; Birmingham, Montgomery and Mobile, Ala.; also in the hands of my customers at many big Southern shows, such as Dallas and Ft. Worth, Tex.; Oakland, Cal., and Portland, Ore. EGGS—Special mating, \$3.00—half price after May 1st. Some fancy cockerels, pullets; also good breeding stock for sale.

L. K. TERRELL, Birmingham, Ala.

White and Buff Orpingtons

Combined Winnings at Augusta, Newnan, Columbus and Atlanta—1st, 2d and 3d pen; 1st, 2d, 4th and 5th cockerel; 4th cock; 1st, 2d and 5th pullet; 1st, 2d, 3d and 5th hen. Nine specials, including two handsome cups. EGGS—\$15, \$10.00, \$7.50, \$5.00 for 15.

V. A. HAM, - - - - **Newnan, Georgia**

CRYSTAL WHITE ORPINGTON EGGS

We will not offer you a single egg this year that is not from a pen headed by a prize-winning bird. Get our Mating List and look it over, and we are quite sure we will get your egg order.

WHITE FEATHER FARM, **Route I,** **Liberty, Indiana**

S.C.R.I. REDS COLUMBIAN WYANDOTTES S.C.W. ORPINGTONS INDIAN RUNNER DUCKS

(OWEN STRAIN)

EGGS FOR SALE. BIRDS FOR SALE. WRITE FOR PRICES.

J. A. LENTZ, - - - **Hickory, North Carolina**

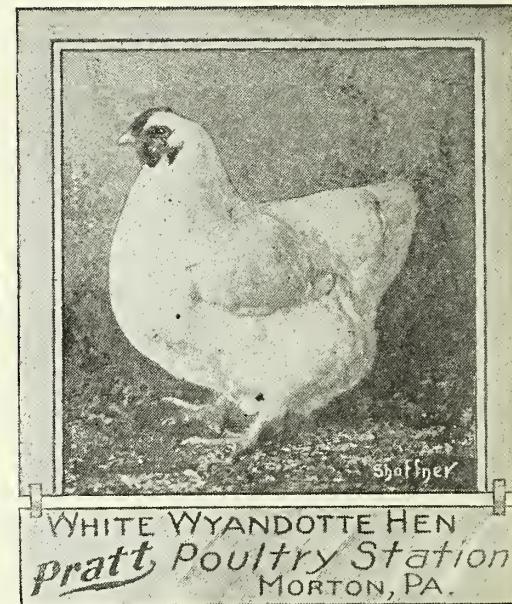
With Those Who Raise Turkeys

MRS. J. C. SHOFNER, Mulberry, Tenn.

Late hatched turkeys are not desirable for breeders, and not as profitable for market as earlier hatched birds.

Turkeys cannot be hurried about laying as chicken hens can by giving egg-producing foods, as in early spring, turkey hens lay early, while a late cold spring retards vegetation and according to nature they will lay later.

The egg season for the turkey hen is from March 10th to June 10th, to hatch and raise them successfully, and when we lose M. B. turkey eggs in the spring, it is a loss the whole



WHITE WYANDOTTE HEN
pratt Poultry Station
MORTON, PA.

The White Wyandotte hen pictured above is one of the four composing the second pen, Philadelphia, Dec. 1911. This hen is one of the best White Wyandottes shown in years, almost a perfect specimen in shape, color and carriage, and will enter one of the prize breeding pens of the Pratt Poultry Station, Morton, Pa., for this season in common with several other high bred females, headed by the splendid male in the Philadelphia pen.

season; unlike chicken hens that lay and set the whole year. Turkeys are by nature farm birds and cannot be raised successfully in confinement.

A semi-confinement works alright during the breeding season. My turkeys have been yarded during the breeding season for so many years that domestication is inherent in the flock and they drop right into the habit of going into their two-acre breeding yards as naturally as stock goes into the pasture in which they have grazed for a long time. In this way I have very little trouble getting all of my turkey eggs. I also use these yards for hatching and starting my young poult off in. It is not a difficult problem to raise the young turkeys if one knows the art of feeding and caring for them, controlling their wanderings by seeming to let them have their own way.

I keep them confined in a large airy coop at night with board pen 10x10 feet square in front of the coop, on a grassy slope.

I keep them in this pen for three to

five days, according to the weather and then they are allowed their liberty after the dew is off in the morning, till about four or five o'clock in the afternoon, when they are fed and driven back into their coops. The coops are moved a little each day, so that the poult have clean roosting ground, as they are by nature the cleanest fowls known and cannot live in filth. Each morning if we will notice, the coops have a bad odor, especially in rainy, bad weather; this odor seems to be poisonous to the young poult.

I keep them in these coops until they are large enough to fly up to roost, I then use brush or small poles over coops for them to roost on, until they are large enough to go to trees.

For the first six weeks or two months of a turkey's life, is the most particular period of its existence. A great many people seem to think they must have something to eat, the moment they are out of the shell, when the fact is they bring their food along with them in shape of the yolk of the egg, which is absorbed into the body just before they leave the shell, and which is enough to sustain them for 36 to 48 hours. The first thing I give them is water in a shallow pan with pebbles in it to keep them from getting wet and to "makelike" nature effect. At the same time I scatter some kind of fine grit or sand as this is preparatory to the food that will follow as soon as the yolk of the egg is absorbed in the body.

When they do get hungry, the least little bit does them for awhile; some people feed five or six times a day, but I feed only three times, just the amount I think they will eat up clean. For the first three days I feed hard boiled eggs, chopped up fine, (one egg to about twenty-five poult) mixed with chopped onion tops or lettuce leaves for green stuff; over this mixture I sprinkle pulverized black pepper, as a stimulant while they are so weak and young.

As their appetites demand it, I add a little cottage cheese or stale bread crumbs, but at all times I want them to eat up what I have before them quickly, and cry for more.

There are more turkeys killed by over feeding while young, giving too much artificial food, not giving them room in their coops, for insects, which is so materially necessary for them to thrive on.

If over fed on artificial food, they will take indigestion, causing liver trouble and as the liver is the largest organ in the body, we must give plenty of green stuff and insects with exercise to keep the liver in action.

My way of feeding so much green food and food that acts directly on the liver is the reason that I have such good success.

At ten days or two weeks old, I try to get them on a grain ration mixed with table scraps, occasionally giving a little copperas. A half teaspoonful of sulphur each day will ward off disease and help to drive off lice, which should be seen after from the first.

I use a little pure hog lard with a few drops of kerosene, used on the top of the head and under the throat as they are taken off of the nest,

Mammoth Bronze, Prize Winning Narragansett and Prize Winning Slate Turkeys

Eggs for sale. Three Bronze flocks headed by first prize winners. First flock headed by first cock, Boston Poultry Show. Hens, prize winners at Louisville Poultry Show, Central Kentucky Poultry Show, and Fanciers Association Show of Indiana.

TALBOTT & GAITSKILL : Austerlitz, Kentucky



Single Comb Brown Leghorns COCKERELS AND PULETS FOR SALE

Eggs from my best pens at \$2.50 per setting of 15; \$10.00 per 100. I have other pens mated for laying purposes at \$1.00 per setting and \$6.00 per 100. Circular free.

M. S. COPELAND, : R. F. D. 1, Powell Sta., Tenn.

BUFF ORPINGTONS

In six big Southern shows, including Atlanta, the Appalachian Exposition, and the big shows of my native State, during the past show season, I won fifteen firsts out of a possible seventeen. In every show competition was simply fierce. Every male heading my pens is a first prize winner. Write at once for my mating list. EGGS—\$3.00 and \$5.00 per 15.

C. D. FORNEY : Morganton, N. C.

S. C. CRYSTAL WHITE ORPINGTONS

Eggs from pens direct from Kellerstrass Poultry Farm, \$5.00 and \$10.00 per setting of 15 eggs. Write for catalogue and mating list. It's FREE.

GEO. M. MOSLEY : Menlo, Georgia

WANTED To stock large egg farms with Lawson's Blue Ribbon strain

S. C. WHITE LEGHORNS

They are the Egg Machines. Stock and eggs from one to one thousand. Write us.

WHITE HILL POULTRY FARM
A. J. LAWSON & SONS, Proprietors. R. F. D. No. 4, Box 2, CLEVELAND, TENN.

BEST IN THE CAROLINAS

Our REDS and WHITE ROCKS are silver cup and blue ribbon winners in hottest competition. Thirty acres devoted to Standard-bred poultry. Mating list free.
KIRKWOOD FARMS Paul P. Brown, Manager **ASHEVILLE, N. C.**

ANCONAS, BARRED P. ROCKS, I. R. DUCKS

Ancona eggs, from prize winners, \$3.00 and \$5.00 per 15; \$1.50 per 15 from utility matings which contain prize winning males and hens that lay. Barred Rock eggs, \$1.50 per 15. Indian Runner Duck eggs, \$1.00 per 12. S. C. White Leghorn eggs, \$1.00 per 15.
W. F. BAYLESS, Morristown, Tenn.

Utility Strain BARRED PLYMOUTH ROCKS AND S. C. W. LEGHORNS

Birds all hen hatched for several generations. Stock strong, healthy, and vigorous. Reared in colony houses on Free Range. Write me for prices of eggs for hatching and breeding stock.

D. T. MITCHELL, JR. : MAHAFFEY, PA.

Single Comb Buff ORPINGTONS

If you want the kind that lays every day in winter and wins in every show, try my imported Gold Medal Strain. Price of Stock—Males, \$5.00 to \$20.00. Females, \$3.00 to \$10.00. Eggs \$3.00 and \$5.00 per 15, all the time. Write your wants.

MRS. LULA LAWSON, Route 4, Box 19, Cleveland, Tenn.

FOR THE VERY BEST FANCY AND UTILITY

WHITE PLY. ROCKS

The largest and best MAMMOTH PEKIN DUCKS. The greatest Squab producing Pigeons are the CARNEAUX—We have them in both Red and White Splashed, (the best in existence strains). Stock of the above for sale. Eggs for hatching.

COXYETTA POULTRY FARM, Box 64, Massillon, Ohio

Ballard's Strain INDIAN RUNNER DUCKS

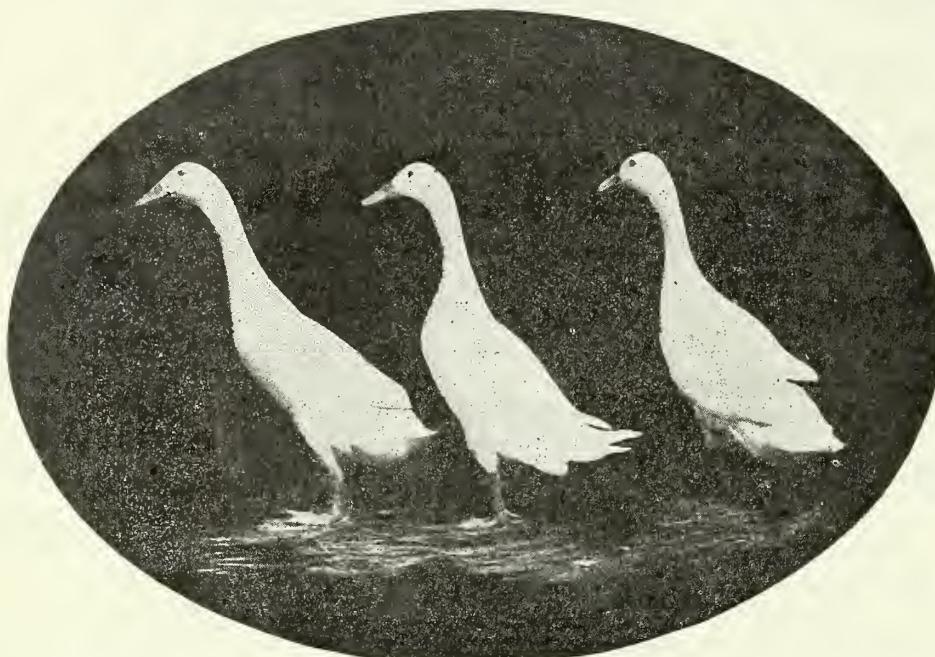
MORE IN THE STRAIN THAN IN THE BREED

Why look further when it has been proven beyond a doubt that Ballard's Strain of Indian Runner Ducks are the greatest egg producers in the world—no fowls excepted. A certified egg record of over 225 eggs each per duck in one year. Remember to ask when breeders claim a high egg record, can they give a certified egg record. We give facts, not hot air. At the great Appalachian Exposition, 1910, we won all firsts except one. This year we won 1st, 2nd and 3rd old drake; 1st and 2nd old duck; 1st, 2nd and 4th young drake; 1st, 3rd, 4th and 5th young duck. 14 ducks entered. 94 ducks competing, including Tennessee State Fair 1st prize winners. On White Runners we won the 1st old duck, 1st young duck and 2nd old drake, only 4 entered. Two of the largest White Runner breeders competing. Some extra fine exhibition drakes for sale. Remember you can't win without Ballard's Strain. Sold the Hon. Wm. J. Bryan trio at the Exposition; pronounced by him to be the best he ever saw. Standard Bred S. C. WHITE LEGHORNS and S. C. BUFF ORPINGTONS, the best layers to be found. Eggs cheap. Day old ducklings and chicks a specialty. Write for catalogue.

NOLA CHUCKY POULTRY FARM, Clayton I. Ballard, Prop.

:

WHITE PINE, TENNESSEE



Another trio of prize winning White Indian Runner ducks, belonging to J. C. Patton, Charlotte, N. C. Small necks, long, wedge-shaped bills, slender bodies, carried well up all the time are points Mr. Patton stresses most, and these points are well carried out in these birds. The male was handicapped by loss of tail when snapshot was taken.

using only a very little, as too much weakens the poult. At a week or ten days old, just before they go to roost, I use a little more of the oil as before and rub a little between wing-quills which have come out by this time, and are probably bedded with little white lice that will soon weaken their vitality, and cause death unless removed. I put this oil on at night so that the greater part of it will be rubbed off on hen by morning, as I always use a turkey hen to carry my poult, even when hatched under chicken hens.

I have followed this plan for twenty-five years with great satisfaction and have written on this subject before, but still find a number of my customers who ask me for my advice on "Care and Food of Young Turkeys."

A SCIENTIFIC CURE FOR FOWLS.

Modern Science has kept well abreast of the wonderful strides taken in the Poultry Industry. With the intensive growth and development of this most important branch of production, there has been great activity in seeking means to insure largest profits by keeping the fowls in good condition. One of the most successful curatives known in this connection is Oculum.

Oculum takes advantage of the widely known successful principle of inoculation. It goes to the very root of the difficulty. It renders the blood safe against the attacks of such germs as have for years caused great disaster among fowls. It not only cures but like vaccination it prevents. Roup,

Cholera, White Diarrhea, and Sore Head are the leading ailments that Oculum overcomes. Furthermore by putting the blood in condition this remedy is also to increase the yield of the fowl.

Endorsed by many of the leading poultry fanciers, this remedy is rapidly coming to the front. It is very economical. Oculum is manufactured exclusively by the Hancock Inoculation Co., Salem, Va.

Above all things during the chick raising season keep the feet of the young birds dry and warm. The coop or brooder should have a board floor to keep the chicks from the damp ground.

To reap profits from poultry the flock must be separated into pens of small numbers. Overcrowding is one of the greatest mistakes, and this has been demonstrated.

I'll Start You and Keep You Going Right in the POULTRY Business

My World-famous high-quality incubators and brooders, and my Free Poultry Lessons make success easy and sure for you!

SUCCESSFUL INCUBATORS AND BROODERS

are made right and with the free advice and lessons I give my customers no one can possibly fail to make biggest hatchets of strongest chicks. Write me. A postal brings all facts, book, prices and proposition. "Proper Care and Feeding of Chicks, Ducks and Turkeys" sent for 10c. J. S. Gilcrest, Pres. Des Moines Incubator Co. 364 Second St., Des Moines, Iowa

Write for Valuable Booklet
and Balanced Ration Formulas
Both Free —if you write us your dealer's name and address

SOMETHING TO CROW ABOUT

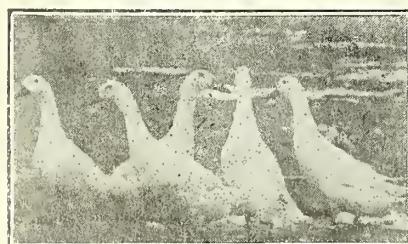
"HEN-E-TA"
NO OTHER bone or grit needed now—nor bone cutters—nor beef scraps—nor charcoal—nor oyster shells if you feed "HEN-E-TA."
Makes Hens Lay

"HEN-E-TA"—the phosphorus food gets the most eggs with least trouble. Is about 30% Pure Bone Ash

Odorless—100 lbs. only \$2.25 or 500 lbs. only \$9. We will see that you are supplied if your dealer won't. Write

HEN-E-TA BONE CO.

NEWARK, N.J. DEPT. 8 FLEMINGTON, W.V.A.



Rhodes' White INDIAN RUNNER DUCKS

ORIGINATOR OF THE RHODES STRAIN

Great layers of large white eggs. Can spare a few choice breeders. Eggs, \$5.00 per 12.

MRS. A. N. RHODES : New Castle, Indiana

WHITE WYANDOTTES

We can offer you grand stock and eggs for hatching from one variety, WHITE WYANDOTTES, the heavy winter layers. Eggs from the best matings ever put together. Line-bred breeding stock of the greatest producing merit, and properly mated to produce winners for you. First pen at Tennessee State Fair, in the strongest competition ever seen in the South. Third pen, third cockerel, third pullet, at the great breeders' show, the Southern International Poultry show, Atlanta, Ga., was awarded a handsome Silver Loving cup for the second best display in show. Was competing with the biggest breeders in the world today.

Excellent bargains for March, April and May. Get our mating list for 1912—it's free. Express charges will be prepaid on all orders amounting to \$10.00.

"We congratulate you, Mrs. Ligon, on your success at the December Georgia show. Your string of birds were superb. Hope you will be with us again next year. I. M. Poole, Secretary The International Poultry Association."

BEECH HILL POULTRY FARM,

F. K. HEWLETT, Manager, Station B, Route 8, Nashville, Tenn.

MRS. L. A. LIGON, Prop., Carthage, Tenn.

State Secretary to the National White Wyandotte Club.

Specialty Clubs & Associations

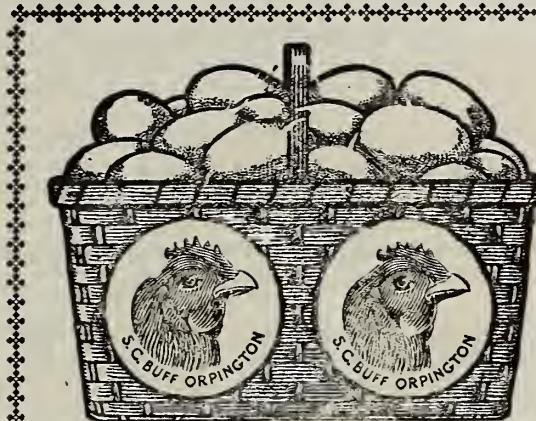
It seems that all the Rhode Island Red clubs are having troubles of their own, inasmuch as the business of everyone of them has been sadly neglected on account of sickness of the Secretary. The National S. C. Rhode Island Red Club is no exception. It is to be regretted that its otherwise very able and active Secretary, J. H. Valliere, is in such poor health that it has been impossible for him to take care of all the business that the duties of his office required. Business of the club has been neglected for a number of years, for although he often tried it, Mr. Valliere could never get anyone to take the office. Consequently, many complaints were and are still received, because cups and ribbons were not received by their winners, and letters were not answered as promptly as they should have been. All this is due not to negligence on part of Mr. Valliere, but to the fact that he is actually in critical condition.

At the last meeting of the club, at Delle Plaine, Iowa, A. G. Studier, of Waverly, Iowa was elected Secretary, and he is now at work in getting all the machinery of the club back into running order, and before long everything will again be running smoothly.

All letters addressed to the new Secretary are now answered the same day as received, and all business of the club will be handled in a business-like way. All delinquent members are requested to pay up their dues promptly. All members joining now will receive membership receipt until October, 1912. All those who have won ribbons or cups not yet received, should write and the matter will be looked after.

The club is preparing to publish its first year book, and it is hoped that all breeders of S. C. Reds, whether members or not, will co-operate in getting out a book that will be a reference work on all matters pertaining to Reds. Write to the Secretary for further information.—A. C. Studier, Secretary.

The Johnson City Poultry Association held an enthusiastic meeting re-



CEDAR LAWN

S. C. Buff Orpingtons

Won at Chattanooga show, Dec. 11-16, 1911, 128 Buff Orpingtons competing, fourteen ribbons, including four firsts. Also six specials, including \$25.00 Cup for best pen in English class. EGGS—Special Matings, \$5.00 and \$3.00 per 15; Utility, \$2.00 per 15, \$10.00 per 100.

MATING LIST FREE

CEDAR LAWN POULTRY YARDS
C. A. Sienknecht, Prop.
Rossville, Georgia

PATTERSON FARM WHITE PLYMOUTH ROCKS AND S. C. BUFF ORPINGTONS

The fact that my birds have won over forty prizes including five cups and cash specials in three shows this fall, should determine the real quality of the Patterson Farm birds. Nothing but high class stock. Every bird sold shipped on approval. We still have for sale good breeding and exhibition birds and our prices are right. Would be glad to quote you our prices.

PATTERSON FARM, : : : : : Fitzgerald, Ga.

HOUDAN EGGS

Two fancy pens mated. Each individual a prize winner. They will hatch sure winners for you. I ship nothing but select eggs.

T. B. SMILEY : : : : : Matthews, Indiana

ELLIOTT'S BLACK LANGSHANS, HOUDANS, WHITE CORNISH, WHITE ORPINGTONS, BANTAMS AND INDIAN RUNNER DUCKS

THAT HAVE WON OVER 500 PRIZES THIS SEASON

Eggs—\$2, \$3 and \$5 per 13. Have in my yards winners at Madison Square Garden, New York State Fair, Hagerstown, Appalachian Exposition, Southern International and other shows. I also breed exhibition White Indian Runner, Mammoth Pekin, Created White and Muscovy Ducks, Mammoth Bronze and White Holland Turkeys, Toulouse Geese and White African Guineas. Some good breeders in each variety at attractive prices. Circular and prices sent on application.

FLYNN ELLIOTT : : : : : Route 6, Charlotte, N. C.

SPECIAL BARGAINS

To close out all surplus stock at once, I am offering great bargains in extra fine White Wyandottes, S. C. White Leghorns, Buckeyes and Buff Cochins; hundreds to select from. Eggs for hatching from above breeds and Indian Runner Ducks. Pedigreed Collie Pups for sale. Write your wants. I can please you.

MRS. H. P. HINTON : : : : : Route 6, Dallas, Texas

\$16 BUYS A HIGH GRADE DROP HEAD
\$45 SEWING MACHINE

Silent—Easy Running—Life Time Guarantee.
The Industrious Hen is the leading poultry journal of the South—50c one year. Three years \$1. Agents wanted. Samples free. Machine circulars free.
The Industrious Hen Co., Dept. A, Knoxville, Tenn.



Save The Chicks

Fully half of the deaths among chicks are due to bowel complaint. Bowel complaint is the result of the chicks being chilled, overheated in brooder, or being fed old, impure or musty feed. Any poultryman can hatch chicks, but the great problem is to raise them. Help the chicks withstand these adverse conditions and you will have little trouble raising them.

G E R M O Z O N E

Will check bowel trouble in twenty-four hours and places the chicks in a natural, healthy condition. It tones the system, aids digestion, puts new life into sickly chicks. For older chickens, there is no better remedy for Roup, Colds, Chicken-pox and other poultry diseases. No trouble—simply put Germozone in drinking-water twice a week.

Liquid or Tablet—Price 50 cents.

Get a copy of Lee's latest Poultry Book.

Geo. H. Lee Co.
1113 Harney St., Omaha, Neb.

Carter's World's Fair Strain of
Brown Leghorns

EGGS:
\$3 and \$5 per 15

My birds have won at Chicago, Cleveland, Cincinnati, Indianapolis, and St. Louis World's Fair.

Over 500 Premiums in 7 Years.

Free circulars on matings and show record.

E. E. CARTER
Dept. I. H. KNOXVILLE, TENN.

S. C. WHITE LEGHORNS AND INDIAN RUNNER DUCKS.

Thirty good utility S. C. White Leghorn eggs for \$1.00. Duck eggs at \$1.00 per 13. Book your orders now for future delivery. D. M. JONES, Route 1, Kizer, Tenn.

futurities need not necessarily compete for the regular poultry show prizes or in the event of accident or failure to develop, need not be shown at all. But all birds expecting to compete in the futurities or in the futurities and regular prizes, both, must pay in addition on or before the date of closing of entries (about September 12th or 14th) the regular Fair Poultry Show entry fee of one dollar each, thus anteing a single well lighted and correctly grouped cage.

Fifth—The winner in the different futurities to take the entire stake. For instance, if the total stake in White Orpington cockerels is \$200.00, the winner takes this amount. He shall also have the right to claim and advertise the "Grand Championship Futurity Winner for the Season of 1912," and shall be awarded a hand-some ribbon certifying to this effect.

Sixth—Only birds raised by the competitors shall be eligible and the winners will be required in every instance to make affidavit as to this; as to the month the bird was hatched, as to where raised, and supply therein the names of two adults who can certify to the correctness of statements made.

Seventh—All checks should be made payable to W. Theo. Wittman, Superintendent Poultry Department, Great Allentown Fair, Allentown, Pa., and all correspondence addressed to him.

First Prize Winners.

The Poultry Index of Stoughton, Mass., is publishing in its April and May issues a list of the First Prize Winners at the most representative shows of the country.

These lists are prepared under classes, breeds and varieties so that one may readily determine who are the foremost Blue ribbon winners of every kind of bird.

This is a work which puts special emphasis upon winners of the first prize and points out which are the most famous shows.

This form of indexical work has been employed in England for some time and with some 2000 poultry exhibitions being held annually in the United States it seems as if some such compilation of the leaders will serve a good end here. Twenty-one shows that are considered most representative of their respective section have been selected in this first list that the Index has attempted.

Once a week give the drinking dishes a scrubbing and scald with hot water in which a small quantity of common baking soda has been dissolved.

**The FAVORITE BAND
THE BEST IN THE WORLD**
12 for 15c, 25 for 25c, 50 for 40c,
100 for 65c.
CHAS. L. STILES
30 Columbia Blvd. COLUMBUS, OHIO

LIGHT BRAHMAS
Best in the South. Blue ribbon winners wherever shown. Our Brahmams will win in the hands of our customers as well as they will for us. We have shown our birds at 16 shows, winning first hen 16 times, first cock and first pen 15 times, special for highest scoring female in show three times, best pen in show twice. My birds are extra large, heavy layers, and sure winners. Stock and eggs for sale at all times. Write for my mating and price list. JOHN A. PONS, Asheville, N. C., breeder of the champion blue ribbon winners Light Brahmams and Buff Orpingtons.

YOU CAN SAVE YOUR CHICKS!

Conkey's

WHITE DIARRHEA REMEDY—Price 50c.

Give it in the drinking water. Saves chicks even in bad cases. A guaranteed preventive—so why not get it before trouble starts?

The G. E. Conkey Co.
CLEVELAND, O. DEPT. 17

LEG BANDS
SAMPLES FREE
Send name on postal now for free samples
of most complete line of highest quality bands
Smith Sealed for every use. Or order now from this advertisement.
Money back if you want it. SMITH SEALED. Used by
America's leading fanciers. Prices: 12, 30c; 25, 50c; 60, \$1;
100, \$1.50; 500, \$6.50; 1000, \$12.50; postpaid. LEADER AD-
JUSTABLE: Smoothest, most secure fastener ever invented.
Prices postpaid 12, 15c; 25, 25c; 50, 40c; 100, 65c;
250, \$1.50; 500, \$2.75; 1000, \$5.25. Samples of
these and other styles Free—also fine hooklet.
THE KEYES-DAVIS CO., Ltd., Mrs.
Dept. 520, Battle Creek, Mich. Leader Adjustable

Guaranteed Bracelet FREE!



A rich piece of jewelry, rolled gold plate, beautiful and artistic, worn by all up-to-date women and girls. Will fit any size arm. Send no money. Just send your name and address today on a postal, say you want an Adjust
Bracelet free, and we will send you our great combination offer and 8 packages of beautiful post cards for 8 of your friends. An extra prize for promptness. Write us today.
H. L. SIMMONS 304 Factory St., Springfield, Ohio

DIRECT FROM MILLS TO FOWLS



Foods
Raise
Chicks

Because they are made just right, of the best sound, sweet grain, vegetable and animal mixtures. No grit, screenings, field seeds or any kind of filler—just pure, wholesome food—balanced to produce flesh, muscle, bone and fast growth. Freight prepaid. Send for our Food Booklet. Our Free Food Hopper offer will interest you.

Knollenberg Milling Company,
Dept. G. QUINCY, ILL.



When you eat squabs ask for Plymouth Rock squabs

SQUAB BOOK FREE for 1912, telling how to make money breeding squabs, how to start small and grow. 5000 wanted daily by only one N. Y. commission firm. See what they say in National Squab Magazine (monthly) specimen copy from us Ten Cents. PLYMOUTH ROCK SQUAB CO., 317 Howard St., Melrose, Mass. Founder of the squab industry in America.



All steel, nickel plated; punches clean, hole is right size; will not bruise the foot. Price 25c at your dealers, or from J. O. PETTY, Box 155, Belvidere, Illinois.

R. C. R. I. REDS

Layers—hence payers. Fine young birds and eggs for sale. Also utility stock. Write D. MATT. THOMPSON, Statesville, N. C. Mention Industrious Hen.

EAST END ORPINGTON YARDS

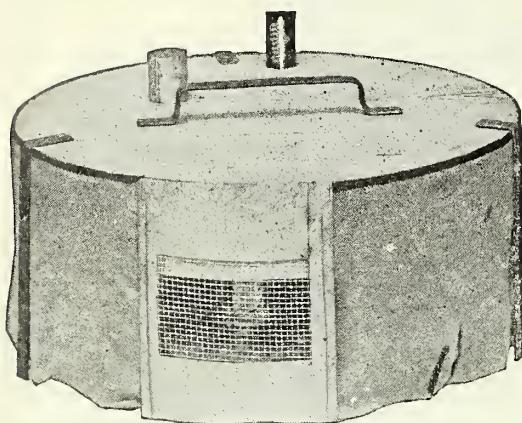
SINGLE COMB WHITE EXCLUSIVELY

To make room for young stock, birds from my breeding pens can now be bought at a very low price. They must go. Better write at once if you want the best at give-away prices. Eggs, \$2.50 per 15, taken from all pens. Send for catalogue—it is free.

Member American White Orpington Club.

JOHN J. HASKELL, East Falls Church, Virginia

THOUSANDS OF CHICKS



Ideal Hover, \$5.50.

Hatched this month. The Ideal Colony House Hover is king. Set it on the floor anywhere and it is ready. No holes, no false floors; greatest thing yet. Lamp sets in metal lamp box with screen front. Move any place with lamp lit. Top heat. 24-inch Hover Top; thermometer safety lamp. Capacity, 100 chicks. Price, \$5.50, special offer. We want ever poultryman to try out this Hover and make a special price of \$5.25 each, or two for \$10.00, freight paid. Will ship C. O. D., freight paid on receipt of \$1.00. Will pay return charges and send back the \$1.00 if not entirely satisfactory. Send for catalogue showing three views of the new chick wonder. Also our Duplex Hover for brooders, \$3.75; also Brooders and Automatic Dry Mash Feeder. We pay the freight. DUPLEX INCUBATOR CO., Tremont City, Ohio, Box C. 102.

SAFFOLD'S S. C. WHITE LEGHORNS

My strain of WHITE LEGHORNS are blue ribbon winners, and standard bred birds. Eggs for sale. Send orders early.

W. G. SAFFOLD, Douglas, Ga.

POULTRY FENCE
STOCK STRONG-RUST PROOF
Bottom wires 1 inch apart.
Will not sag or bag.
Requires no boards—top or bottom—and fewer posts.
Costs less than netting. We pay freight. Send for Catalog.
The Brown Fence & Wire Co.
Dept. 37 Cleveland, Ohio.

EGG LABELS

Printed same day order is received. Get samples and prices.

S. B. NEWMAN & CO.
KNOXVILLE, TENN.

**ONE GALLON
ZENOLEM
\$1.50 Ex. Paid**

Poultry Disease Department

By J. A. THORNHILL, Hartselle, Ala.

QUESTIONS pertaining to poultry diseases will be answered under this heading. All mail for this department should be sent to J. A. Thornhill, Hartselle, Ala. Do not address anything for this department to The Industrious Hen, Knoxville, Tenn., in which case it will NOT be answered. Stamped envelope should be enclosed if a personal reply is desired.

We are troubled with our hens. After they are allowed to set for a day or two, they develop an awful diarrhea. We don't think they are overfat. We feed light feed, commercial hen feed in morning, in deep litter, mash at noon, and good feed, clipped oats, about 5 p. m. on litter but not raked in; plenty fresh water, grit, oyster shell, etc., in runs. Please let us know what we can do to eliminate this. We have bred poultry almost a lifetime but have never seen hens effected in this way before. Thanking you in advance for this and trusting that you will favor us with an early reply, assuring you of our willingness to reciprocate at any time you may suggest. We are yours truly.—Blue Ribbon Orpington Farm, by L. W. Barker.

Answer.—For sick setting hens, cut out the mash food and allow them nothing but whole corn, grit, charcoal, fresh water and a box of dusting material. Setters shouldn't leave their nests for food but once a day, which should be where they can get it at will.

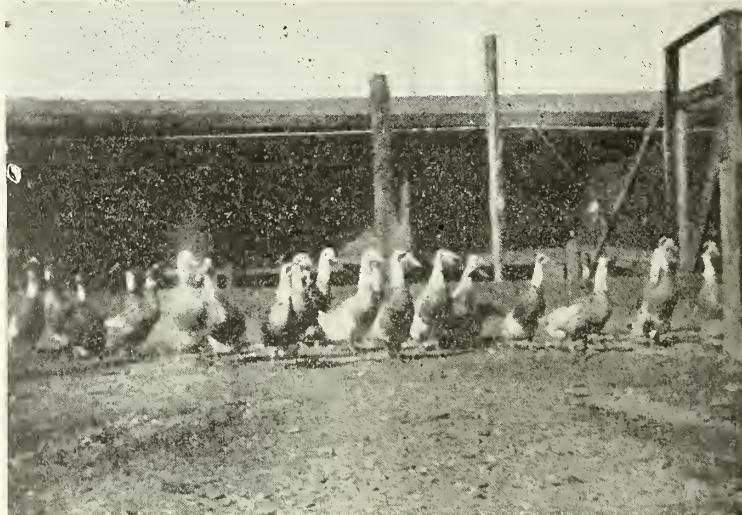
Keep them free of lice and mites with insect powders.

For the diarrhea, add to their drinking water a small piece of "Red Oak" bark or enough tannic acid to slightly acid the water.

Please find enclosed stamped envelope and we would appreciate very much if you could give us some information on the following described disease: We find that our chickens become affected from the age of two weeks to three months. Their eyes begin to water and then a white flake forms under the upper lid that is very tough. The pupil of the eye turns a grayish color and they seem to go blind.

The disease does not seem to affect their appetite for they eat as long as they can see how to eat. After they have been affected for two or three days, their eyelids swell and entirely closes the eye.

The conditions under which our chickens are raised are as follows: They are hatched in hot water incubators kept steadily at a temperature of 103 degrees and are left in incubator 24 hours after hatching. They are then moved to the brooder house where the hover temperature is kept about 90 degrees which is heated by



Indian Runner Ducks, dark or English strain. Bred by Hearndale Farm, Route 1, Pine Bluff, Arkansas.

We will send ONE gallon of Famous Zenoleum Disinfectant and Lice Killer, enough to make 2 whole barrels, one hundred gallons in solution, for \$1.50 Prepaid. This is the poultry remedy you see recommended so often in the writings of great authorities. It is used by 46 Agricultural Colleges and the leading fanciers of the world. Book "Chicken Chat" sent free. THE ZENNER DISINFECTANT CO., 201 Lafayette Ave., Detroit, Mich.

hot water pipes running through hovers. The brooders have a concrete floor which is kept covered with sand.

They are fed nothing for the first 36 to 48 hours, then they are started on wheat bran and rolled oats. After four days of age they are fed a little commercial chick feed, scattered in their litter. We keep a dry mash three parts wheat bran, one part corn before them all the time, composed of hearts, one part alfalfa meal, one fourth part beef scraps. They are fed sprouted oats, clipped short, every day.

They have access to open runs when weather is permissible. We keep 50 chicks to each brooder, which is two by three feet, with an inside run of three by seven, and outside run of three by fourteen.

Ans.—Too much heat in the brooder will cause eye troubles similar to what your chicks have. The trouble with yours though is catarrhal colds. Supply plenty fresh air. Try giving 20 drops spirits camphor dropped on a little sugar and then dissolve the whole in a quart of drinking water. Dissolve a teaspoonful boric acid in a pint of warm water and use the solution to bathe the sore eyes.

Indigestion effects the eyes too, but you failed to mention the condition of your chicks bowels, so can't decide on that.

Would cut out the wheat bran and rolled oats, and feed the commercial food or stale bread or pin-head oats or pearl grits for the first two weeks—not more at a time than they will clean up quickly. Better to keep them a little hungry for the first two weeks and well, than over fed and sickly.

Chicks don't need animal food for the first ten days or two weeks. After two weeks old, your dry mash kept before them should prove quite satisfactory.

Coarse wheat bran should not be fed too heavily to small chicks, as it is liable to cause indigestion.

Frequently change the diet of chicks. A steady diet will frequently cause them to lose their appetites.

I find ten to fifteen drops of Carbolic Acid in a pint of drinking water is beneficial to chick health.

Can you tell me what is the trouble with a valuable Barred Rock pullet of mine and send me a cure? She was apparently well in the morning and at feeding time in the evening her vent had turned wrong side out. She is well and doesn't seem to suffer. I have noticed several bloody shelled eggs among the collections the past several days. The parts protruding are very red but no blood runs from it.

Ans.—Your pullet is ruptured, which is due to over feeding or feeding on too fattening foods. In trying to expel the egg the pullet had to strain too much on account of too much fat along the egg channel. It will be a difficult matter to affect a cure, and if accomplished, the pullet wouldn't be apt to be a good breeder. Some recommend bathing the affected part with warm water, after which apply diluted glycerine and with the fingers gently work the parts back

SOUTHLAND'S CHAMPION WHITE PLYMOUTH ROCKS

Winners of all "First Prizes" at the largest and most wonderful Poultry Show ever held in the South. Over 4,100 Entries.

MARTIN F. SCHULTES, Bartlett, Tennessee

Life Member American Poultry Association. Director Tri-State Poultry Association. Member White Plymouth Rock Club.

COME TO TRI-STATE SHOW SEPTEMBER 23-28, 1912.



Greatest Red Farm in the South now offers eggs at one-half price. We also sell Baby Chicks \$15 for 100.

Department A : : : WINTER PARK, FLORIDA

BLYTHE BROTHERS

Route No. 2, Box B : : FRANKFORT, KENTUCKY

have BARRED PLYMOUTH ROCKS fully the equal of any in the entire country, and we pledge ourselves to give extra value in every instance. Birds of their breeding are winners at Lexington, Frankfort, Lawrenceburg, Louisville, and Knoxville, Tenn.

"THE ROYAL BLUE BARRED ROCKS"

will do you good. Stock and eggs are sold at low prices, considering high quality. All inquiries will receive prompt reply. If you want eggs or stock, write now—today. A square deal to all. Grand birds. Superb mating. Write for catalogue describing each and every pen.

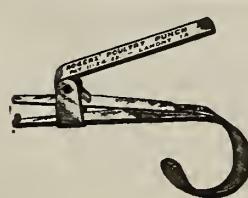
Fogg's S. C. White Leghorns

Are bred for HEAVY LAYING and EXHIBITION QUALITY. If you want the BEST for your money in BABY CHICKS, EGGS FOR HATCHING and BREEDING BIRDS, send for booklet and mating list now. No order too large or small.

N. V. FOGG, : Box A, Mt. Sterling, Ky.

Do You Want to Raise the Laying and Winning Kind?

Then buy your Breeding Stock and Eggs from SANDY RUN POULTRY YARDS, Ellenboro, N. C. We are the oldest breeders of thoroughbred poultry in North Carolina; have been breeding prize winners for the past twenty years, and know how to mate for best results. We have been winning at such shows as Knoxville and Nashville, Tenn.; Atlanta, Ga.; Asheville, Charlotte and Shelby, N. C.; Hagerstown, Md., and a lot of other shows—in fact, we are ready to meet any competition in the show room. We breed White, Partridge and Columbian Wyandottes, Black Minorcas, Brown Leghorns, Buff Orpingtons and Indian Runner Ducks. Have a fine lot of breeders and some show birds yet for sale. Write for our show record and prices. Eggs from finest matings at \$2.00 to \$5.00 per 15. Book your orders early, so as to get them when wanted. Satisfaction guaranteed on every sale. SANDY RUN POULTRY YARDS, Ellenboro, N. C.



"MONEY-BACK" POULTRY PUNCH

Absolutely the very best used by leading breeders—cuts a clean hole, best of all you can see what you are doing—Plain finish 25 cents, finely nickel plated, 35 cents. Your money back if not satisfied.

T. W. ROGERS, : Box H, Lamont, Ia.

White Orpingtons, White Wyandottes, R. I. Reds

Winners of twenty firsts, one second, one fourth and two specials at five leading poultry shows, including Louisville. WIN, LAY and PAY. Get the Kentucky Strain and Win. KENTUCKY STOCK & POULTRY FARM, Route 3, Nolin, Kentucky.

Save Your Fowls With OCULUM

Oculum is the most successful preventive and curative known for Cholera, White Diarrhea, Gapes, Roup and Sore Head. Experience proves Oculum never fails.

I cured a case of infectious Canker in a \$200 cockerel, followed by the worst case of Chicken Pox I ever saw, with Oculum. I inoculated all of my chickens last year and have seen no evidence of White Diarrhea, and have never had them to grow so rapidly.—OSCAR E. MILES, Columbus, Ohio.

Oculum cured a bunch of chickens that were bad with White Diarrhea. Others of the same bunch that were not treated with Oculum took it and died.—LEROY RICE, Massillon, O.

Oculum is a positive cure for Chicken Pox, Canker and Scaly Legs.—F. A. TECKTONIUS, Racine, Wis.

Oculum will cure Cholera, Roup, White Diarrhea and Gapes in their worst stages.—CLAYTON I. BAL-LARD, White Pine, Tenn.

Here's a sure-shot curative and positive remedy for diseases that are annually killing thousands of dollars' worth of valuable poultry. Oculum is used and endorsed by the largest, most successful poultry raisers in the country. Poultry journals unstinted in their praise of this sure cure and preventive.

Oculum cures the most aggravated cases of the diseases named above. Two or three drops injected in rectum of fowl passes quickly into the blood, inoculates the fowl and makes it absolutely proof against the tolls of these profit-draining pestilences.

Also, Oculum renews vitality, builds weight, beautifies plumage, keeps out lice and increases egg yield.

We absolutely guarantee the effectiveness of this wonderful curative remedy and tonic.

FREE Testimonial and Circular giving Government Diagnosis of White Diarrhea—

Hancock Inoculatum Co., Inc., Dept. M, Salem, Va.

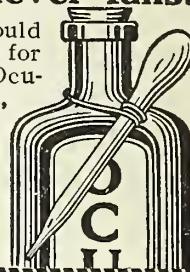
All poultry raisers should have this **Diagnosis**. Send for it. Ask your dealer for Oculum. If he can't supply it, send a dime for sample, 50c for bottle or \$1 for large bottle. Money refunded if Oculum fails to make good.

Use Coupon Today!

Hancock Inoculatum Co., Inc., Dept. M Salem, Va.
Please send Oculum and directions for use, according to your money-back-if-not-satisfactory terms, as per size checked below.

Name _____

Address _____
 Sample 10c size. 50c size. \$1.00 size.



EADY'S S.C.R.I. REDS

Winners at many leading shows—Birmingham, Mobile and Gadsden, Ala.; Houston, Texas; Meridian, Miss., and Tullahoma, Tenn. At the Alabama State Fair, 1910, we won three cups—two Club cups, one the Rhode Island Red Club of America for the best winnings; one the National Single Comb Rhode Island Red Club cup for the best pen of Reds. Won the other cup for the best cock, cockerel, hen and pullet. We won first pen at the Alabama State Fair, at Birmingham, three years in succession.. We have won six cups in the last three years. Pens mated January first. We are now selling eggs at half price, per setting of 15. Send your order today. Some good stock for sale, write for prices.

C. W. EADY, Guntersville, Alabama

BARRBTT'S BLUE RIBBON STRAIN

MOTTLED ANCONAS

Are the kind that Win and Lay. Also S. C. WHITE ORPINGTONS. Stock for sale. Eggs at half price after 1st of May. Write me for My Mating List and Winings.

L. M. BARRETT, : : Morristown, Tenn.

Quality Buff and White Wyandottes

Hundreds of prizes won at leading shows. Eggs from seventeen grand pens, including the winner at above shows, \$3.00 to \$5.00 per 15. Eggs from sale stock, \$2.00 per 15; \$5.00 per 50; \$8.00 per 100. A fine lot of breeders and exhibition birds for sale—cheap for quality. Also eggs from record-laying S. C. WHITE LEGHORNS, \$1.50 per 15; \$3.00 per 30; \$5.00 per 100. Special matings, \$2.00 per 15; \$5.00 per 30; \$8.00 per 100. Mating list free. Write

SQUARE DEAL POULTRY FARM, : : Box J, Maysville, Kentucky

LAST CALL FOR S. C. BUFF LEGHORN EGGS

May and June are not too late for hatching winter layers and show birds. Send for mating list of splendid stock. Winners at Lebanon, Hartsville and Knoxville. Eggs from \$1.50 to \$5.00.

BROOK-LAWN POULTRY YARDS

Hoyal Johnson, Proprietor : : R. F. D. 2, BRUSH CREEK, TENN.
EGGS ONE-HALF PRICE AFTER JUNE 1st.

White and Black Orpingtons, Barred Ply. Rocks

Our birds are mated and raised on separate farms—absolutely no chance of mixing breeds. ORPINGTONS are imported from the best strain of birds that England produces. BARRED ROCKS from the best American breeders. Won at Whashington, D. C., Poultry Show with our White Orpingtons, eight ribbons out of eight birds entered, as well as ribbons on Black Orpingtons and Barred Rocks. This shows some quality. If you are looking for high-class stock and eggs, give us a chance to please you.

THE HANOVER POULTRY FARM

BLANTON & BOSCHEN, Proprietors

Box 372, ASHLAND, VA.

KELLERSTRASS' STRAIN

SHEPPARD'S STRAIN

WHITE ORPINGTONS AND MOTTLED ANCONAS

Settings for sale now. Prices reasonable. Write us your wants.

COLE & GEORGE, Members International Ancona Club. 33 West End Place, Atlanta, Ga.

CRYSTAL WHITE ORPINGTONS

KELLERSTRASS STRAIN—Breeders direct from his special pen. Eggs, \$3.00 and \$5.00 per setting—half price after May. Jan., Feb., and Mar. chicks \$2.00 and up. Registered Collies, \$5.00 and up.

COHO CHIX YARD, T. P. Wood, Prop., Como, Tennessee

into place. The patient must be kept quiet, fed a light diet and the bowls kept open with epsom salts

Another subscriber writes for the best tonic I have to keep poultry healthy and I sent her one in reach of all poultrysmen.

Ans.—Plenty of exercise, good comfortable houses, a variety of good wholesome food and plenty of pure fresh water and fresh pure air. Grit, charcoal, shell, and no lice can be added.

She also wanted to know if lime and coal ashes had a tendency to change yellow legs to white when sprinkled over the runs and under the droppings boards.

Ans.—Yes, and they are injurious to the droppings too. I sprinkle air slacked lime over yards during a rain.

Messrs. Bacon & Haywood.

Just 30 miles out from Savannah, Ga., called by the drummers three tens, but on the time table as Guyton, Ga., Messrs. Bacon & Haywood have established within the past year one of the most up-to-date poultry plants in the State of Georgia.

The picture of the residence shows partially what an ideal place Pecan Park is for the purpose of raising poultry, having plenty of water oaks for shade, and a good drainage of sandy loam for the plant. Pecan trees are to be used for shade in all the runs. Thousands of them were planted last fall.

Just in the rear of the house two long breeding houses, facing south, are stocked with White Leghorns, White Plymouth Rocks and Buff Orpingtons of the very best quality. Just to the right of the residence is the office building, packing room and incubator cellar, holding a 6,000-egg machine.

Pecan Park is just five minutes walk of the Guyton depot, and is visited by many pleasure and sight-seers from Savannah each day.

Selling day-old chicks is the long suit of Bacon & Haywood. Both are experienced poultrysmen and true fanciers.—Atlanta Georgian.

EGGS ← Half Price

During May and June. Get my circular, it's free. Now is the best season of the year to hatch Leghorns. Some of the best birds I raised last season came off Aug. 1st, and were laying early in Jan.

J. H. HENDERSON
KNOXVILLE, TENN.
Breeder Brown Leghorns Since 1890

MARCH REPORT OF MISSOURI EGG CONTEST.

A total of 10,828 eggs is the record for March, or a grand total of 28,673 eggs for the five months. Twenty-seven pens of five hens laid more than 100 eggs each this month. Several pens laid 32 eggs in seven days out of a possible 35 eggs. The pen of R. C. R. I. Reds, owned by D. E. Hall, of California, Mo., won the Golden Egg Cup for March, by laying 126 eggs. The Buff Orpingtons won first place with 421 eggs to their credit for the five months, and the Silver Wyandottes retain second place for the month, with 118 eggs and second place for the entire time with 416 eggs as their best record. A Barred Plymouth Rock pullet owned by Miss Lillian C. Adams, of Tipton, Mo., laid an egg every day for 30 consecutive days, and as she was still laying at the close of the month, she will probably continue for sometime yet. A White Orpington pen of Balley & Carson's, of Parsons, Kan., laid 55 eggs in 12 days, or 55 eggs out of a possible 60. A Barred Rock pullet from Canada, No. 467, has laid 39 eggs in 49 days, and laid 22 days without missing. Two Buff Cochin pullet owned by Byrd Bryan, of Mercer, Mo., laid 29 eggs each during this month, and one laid 40 eggs in 45 consecutive days, which is considered a good record for a Cochin.

The following shows the amount of

"BLUE GRASS STRAIN"

White Rock Eggs at Half Price

After May fifteenth we will offer eggs from any of our matings at half price. This gives you the opportunity of securing the very best quality at ridiculously low prices. Write for catalogue.

R. L. JAMES, R. 5, Box H, Lexington, Ky.

food consumed and the ounces of eggs laid by the 12 highest pens:

Variety	Food	Weight of Eggs
Buff Orpingtons	.215 lbs.	833.9 oz.
Silver Wyandottes	155 "	756.5 "
Black Orpingtons	.205 "	808.7 "
S. C. Reds.....	.215 "	891.7 "
White Wyandottes	.165 "	710.1 "
R. C. Reds.....	.175 "	741.9 "
White Orpingtons	.215 "	770.5 "
Barred Rocks205 "	643.3 "
Black Langshans	.225 "	640 "
R. C. White Leg-horns154 "	555.8 "
Buckeyes175 "	611.6 "
S. C. White Leg-horns174 "	669.4 "

One pen of Indian Runner Ducks laid 115 eggs in March, and they laid five eggs per day for eight consecutive days.

The highest individual record to date is a S. C. Red hen, with 116 eggs to her credit. Fourteen hens have not laid an egg.

We are now experiencing considerable difficulty in breaking up broody hens. As soon as we discover that they wish to set, we put them in a coop with a slatted bottom, and feed them heavily as long as they are in this coop. Most of them we can break from setting in three days, and in a week from the time they show an inclination to become broody, they are laying again as a rule.

RATHER INQUISITIVE.

Say, pa, does a chicken come from an egg?

Yes, Willie.

Well, then, does an egg come from a chicken?

Of course. What makes you so silly?

Well, if a chicken comes from an egg and an egg comes from a chicken, which—

Now, James, if that is all you can think of to talk about, you can beat it to bed.

But, Pop!

Well, what will you have?

How does a chicken come from an egg?

Oh, son, a common old mongrel hen can sit on an egg and hatch it.

Well, Pop, I am glad I ain't a hen. It must hurt to sit on a hatchet.—Ex.

REMOVAL SALE.

Because of her departure from the city for an extended stay, Mrs. L. P. Shanks, Yale Ave., Knoxville, Tenn.,

Poultry Profits Doubled

CAPONS bring the largest

profits — 100% more than other poultry. Caponizing is easy and soon learned. Capons sell for 30c. a pound, while ordinary poultry brings only 15c. a pound. Progressive poultrymen know these things and use

PILLING CAPONIZING SETS
Sent postpaid, \$2.50 per set with "Easy-to-use" instructions.

We also make *Poultry Marker*, 25c. *Gape Worm Extractor*, 25c. *French Killing Knife*, 50c. Booklet, "Guide for Caponizing," FREE. G. P. PILLING & SON CO., 23d & Arch Sts., Philadelphia, Pa.

will sell her entire stock of beautiful White Orpingtons for the low price of \$60.00. Her yards contain 18 birds, 15 females and three males, all descendants of the best Cook strain. Her birds weigh from 8 to 10 pounds and represent the finest type of White Orpingtons. We have visited Mrs. Shanks' yards, and found her stock to be as represented. Do not delay as the first check for \$60.00 received will get this splendid bargain.

S. C. White and Brown Leghorns, "Ringlet" Barred Rocks, G. M. B. Turkeys, Rose and Single Comb R. I. Reds. Stock and eggs in season. Write us.

MAPLE HILL POULTRY FARM
Route 1, Box 23, Morristown, Tenn.

White WYANDOTTES and IND. RUNNER DUCKS

Stock and eggs, circular free.
R. ADDISON LOUGHMAN, FLA.



Will bring you a copy of "Hen and Chicks," the best poultry book ever published, and THE INDUSTRIOUS HEN, the South's best poultry journal, for two years. Send the money the most convenient way to

INDUSTRIOUS HEN CO.
KNOXVILLE, TENNESSEE

DOBBS' PERFECTION S. C. RHODE ISLAND REDS

Win at Appalachian Exposition, Knoxville, Tenn., Georgia State Fair, Macon, Ga., Augusta and Atlanta, Ga., Little Rock, Ark., and Tupelo, Miss., a grand total of Sixteen First, Nine Second, Eleven Third, Nine Fourth and Three Fifth Prizes—two more First Prizes than all my competitors combined—and at these shows I met in competition with the big Red breeders, who advertise "Best Reds in the World," that their Reds "Lead the World," etc., breeders who have won at such noted shows as Madison Square Garden, Grand Central Palace, Boston and other noted shows. I entered my Reds at shows where I expected to meet the leading Red breeders and did meet them, and for my Reds to come out with Sixteen First Prizes, two more firsts than all competitors combined in six shows, in four States and under six different judges, was A GRAND WINNING FOR SUPREMACY AND CHAMPIONSHIP; and in these six shows my Reds won Three Sweepstakes out of a possible five for Best Cock in the Show, all varieties competing. My Reds won every Shape Special offered on male in these six shows; R. I. Red Club cup at Knoxville, Tenn., for best Red cock, hen, cockerel, pullet and pen in show, with numbers of other shape and color specials; A. P. A. Medal for best Red cockerel, and seven silver cups at these shows; and Grand Sweepstakes for Best Cockerel in the show over all varieties at Augusta, Ga. Note winnings of other breeders when in competition with my Reds.

Send for Mating List and be among the winners in S. C. Rhode Island Reds at your next show by buying eggs now. Am booking orders for exhibition birds to be conditioned and delivered later. EGGS—\$3.00, \$5.00, \$10.00 and \$15.00. Have about 200 head of stock to go at \$2.50, \$5.00 and \$10.00; worth twice these prices, but need the room. Every bird guaranteed to please or your money back.

CHARLEY DOBBS

P. S.—See my White Orpington advertisement in this issue.

Gainesville, Georgia

HIGHLAND ROCKS

Winners at Pittsburg, Hagerstown, Baltimore, New Orleans, etc.

White and Barred Rock eggs for Hatching, and day old chicks, choice stock for sale, \$2.00 up; Eggs, \$2.00 for 15; Chicks, \$16.00 per 100.

HIGHLAND FARM 1010 W. Princess St. York, Pa.

REDUCTION SALE

I must reduce my flock of chickens. Here they go. No time to write letters. Order whatever price you wish to pay and send money order. My birds are well worth the price asked. One year old RHODE ISLAND RED and BUFF and BLACK ORPINGTON HENS, \$1.00, \$1.50 and \$2.00 and \$5.00 each; Cock and cockerel, \$2.00, \$3.00, \$5.00 and \$7.00 each; Butter Cups Trio, \$7.50—6 hens and two year old cock, \$15.00. Cash with order.

C. S. TAIT : : : Brunswick, Georgia

White WYANDOTTES

Great bargains in Eggs and Baby Chicks from prize winning stock. Eggs, \$1.00 for 15; Baby Chicks, 15 cents each, \$12.50 per 100. Satisfaction guaranteed. Two good incubators for sale cheap.

HARRY G. SPANGLER, Stearns, Kentucky

WHITE and BLACK MINORCAS

My birds have won more firsts and specials at Tennessee State Fair, Appalachian Exposition, Lebanon, Knoxville and Memphis, than those of any other Southern breeders. I can give you the best blood line in America. Send for folder. Satisfaction guaranteed.

MRS. JNO. M. CRISSIM, Lebanon, Tenn.



WHITE WYANDOTTES S. C. W. LEGHORNS

BABY CHICKS, \$15.00 per 100; special prices on 500 or more. EGGS, \$1.25 per 15, or \$6.00 per 100; prize matings, \$2.00 per 15. Few choice White Wyandotte Cockerels, \$3.00 each.

IGLOE FARM, R. E. Craddock, Mgr. : Route 1, Lynchburg, Virginia

EGGS For HATCHING

Now is the time to get your winners. My first cockerel at Pittsburg was a late Hatched May bird but he has the color. EVERY EGG GUARANTEED. I have my cut prices ready for you, and I will guarantee every egg that is sold at these special prices. I have winners in my yards from Chicago, Knoxville, Louisville, Ky. State Show. Write me for my Catalogue.

F. H. GORDON, "Home of Good Reds," Box I, Lexington, Kentucky

ORPINGTONS---Buff, Black and White

WINNERS WHEREVER SHOWN—Thirty-five firsts this season at such shows as the Appalachian Exposition at Knoxville and the Chattanooga show. At Morristown, got special for best display of Buffs. Numerous specials and other prizes at these big shows. Eggs, stock and baby chicks for sale. Breeding stock very cheap and eggs at half price after April 15. For prices, write

MILLETT'S ORPINGTON FARM, Johnson City, Tenn.

White WYANDOTTES

Bred for Business. Line bred for nine years. Have won all over the South. Eggs \$2.00 and \$3.00 per setting. MAMMOTH PEKIN DUCKS—Largest and best in the South, all blue ribboners. Eggs \$1.75 per setting.

OLIVER RUTHERFORD, : Box 7, Eutaw, Alabama

SMITH'S FINE POULTRY FARM

RHODE ISLAND REDS and WHITE LEGHORNS Exclusively. Eggs, \$1.00 per setting of 15. Safe delivery and satisfaction guaranteed. S. P. SMITH, Box 634, Guthrie, Kentucky.

INTERNATIONAL ASSOCIATION OF POULTRY INSTRUCTORS AND INVESTIGATORS.

The growth of the Poultry Industry in nearly every country of the world during recent years has been phenomenal. From being, with a few exceptions, a by-product of the farm, of small value, and regarded with indifference or totally neglected, the various races of poultry have proved a source of profit to agriculturists for eggs, poultry, the prices for which have been increased very largely. An estimate has been made, that the annual value of the world's poultry crop exceeds one billion, two hundred and fifty million dollars, and is rapidly advancing.

As a result of these developments, though they are to a greater extent than is commonly supposed due to educational, and experimental work, there has been of late years a considerable amount of attention given by the various Ministries of Agriculture, college and experiment stations in different countries to the teaching of an experimental work in connection with poultry-keeping. The problems which necessarily follow increase and intensification of production are commanding the services of trained investigators and instructors, and the work which is being done is of great value. That this will rapidly advance is unquestionable.

Such developments have been most marked in the United States. Four years ago the Poultry Instructors and Investigators of the United States and Canada formed an Association for mutual cooperation and interchange of observations and experience. The last meeting was held at Orono, Maine, in August, 1911, at which a resolution was adopted in favor of an Association embracing such workers in all the countries of the world, the number of which is already considerable. It was felt that by focusing the knowledge and experience of all, the power of each would be greatly enhanced.

As a result of this action a Provisional Committee has been formed, consisting of representatives of the respective countries. The following have agreed to serve on this Committee.

Dominion of Canada.—Prof. W. R. Graham, Ontario Agricultural College, Guelph. Mr. F. C. Elford, Formerly at Macdonald College.

England.—Edward Brown, F. L. S. No. 1, Sec. National Poultry Organization Society. Prof. F. V. Theobald, M. A. Wye, Kent. C. E. J. Walkey, Esq., Hon. Sec. British Association of Poultry Instructors and Investigators.

Scotland.—Prof. Will Brown, Kilmarnock.

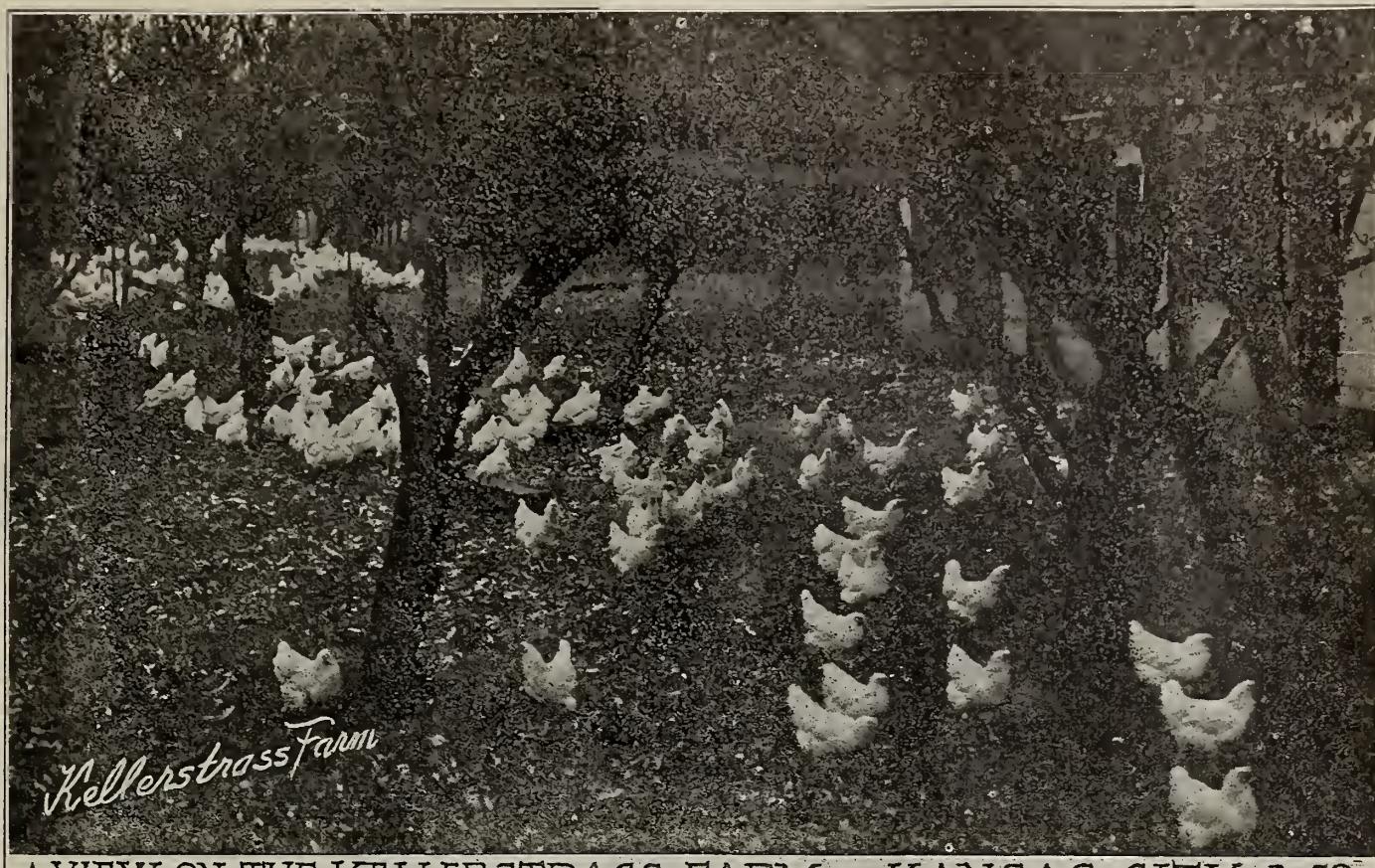
Ireland.—Percy A. Francis, Esq., Knock, Belfast.

Australia.—Mr. D. F. Laurie, Government Poultry Expert, Adelaide.

Tasmania.—Mr. R. J. Terry, Poultry Expert to the Tasmanian Government, Hobart.

South Africa.—Prof. J. E. Duerden, Rhodes, University College, Grahams-town. Mr. Reginald Bourlay, in charge of Poultry Experiment Station, Potchessroom, Transvaal.

India.—Mr. A. C. Dobbs, Assistant Inspector General of Agriculture.



A VIEW ON THE KELLERSTRASS FARM — KANSAS CITY, MO.
WHERE THE "CRYSTAL" WHITE ORPINGTONS WERE ORIGINATED ~

Germany.—Director Dr. Alfred Beeck, Zentral-Gefluge-zuchtsanstalt, Halle-Crooywitz. Prof. Dr. Heinrich Poll, University of Berlin.

Holland.—Herr H. B. Beaufort, Aerdenhout.

Belgium.—Mons. M van Gelder, Uocle.

Denmark.—Konsulent W. A. Kock, Copenhagen.

Norway.—Lieut. Col. B. Thams, Christiania.

Italy.—Signor Alfrendo Vitale, Naples.

United States.—Prof. James E. Cornell University. Prof. Leon J. Cole, University of Wisconsin. Dr. Raymond Pearl, Maine Experiment Station. Others will be added in due course.

Arrangements are being made for holding the first meeting of the Provisional Committee in London, July 18 to 24, 1912, at which it is anticipated that the most representative international gathering of Poultry teachers and investigators ever held will assemble. The sessions will be held in the Council Room of the Royal Agricultural Society of England, 16 Bedford Square, London W.

By vote the members of the Provisional Committee have elected Mr. Edward Brown, F. L. S., Hon. Sec. of the National Poultry Organization Society of England, as the first President of the International Association. Dr. Raymond Pearl, Biologist of the Agricultural Experiment Station, Orono, Maine, is acting as Honorary Secretary, pro tem.

THE LICE PROBLEM.

The greatest drawback to poultry culture is lice. They are the basis of more than half of all poultry diseases, constantly preying upon the fowls, they become very much weakened. From loss of energy, their condition

render them very susceptible to all deseases arising from colds.

Many remedies have been proposed for doing away with the louse pest. Many of them are good and will do the work if applied according to directions. The application of a remedy is very important when large numbers of fowls are treated, and the time it takes should be reduced to a minimum. By so doing, many more poultrymen will endeavor to rid their premises of lice.

I do not lay claim to originality in remedies, but I propose the following method of application: "Saturate the floor, the sides and the roost with any good, popular lice liquid, by spraying. Then after the house has been cleaned out, that will dispose of all mites. Repeat this in ten days which will get all nits hatched out. Make it a point to clean the house, weekly, thereafter, and disinfect. That will forever settle the mite problem. The body lice require a different treatment: Take any good disinfectant and dilute some according to directions, place liquid in a barrel. Very early in the morning, in warm weather, dip every fowl in same. Repeat this in ten days. This

will destroy every louse and hatched nit. Repeat this every six months, being careful to do so only in warm weather. This will end the lice problem for all time and at the same time do away with nine-tenths of all chicken troubles.—E. W. Good, Richmond, Ind.

The poultry business is a good business if you go about it right. Have good birds and give them good feed and care; the rest will be easy.

Do not crowd either young or old poultry. Twenty-five chicks in a brooder will do better than fifty. Use more brooders and fewer in each brooder.

SILVER WYANDOTTES

THE BEST LAYING STRAIN IN
THE SOUTH

Eggs for sale at \$2.00 per 15. Prize winners at the leading shows. Satisfaction guaranteed. Be one of my pleased customers.

JOHN HUFFSTETLER, Lenoir City, Tenn.

The Industrious Hen can supply you with any Poultry Book published.

"LOOK," STANDARD BREED S. C. W. LEGHORNS

D. W. Young's Strain, not one drop of any other blood. To make room for young stock will sell 100 utility yearling hens, now laying. 10 good utility cockerels, 10 better cockerels hatched 1911, will sell eggs after May 1st at one-half list price, from the following yards: Special mating, 1, 2, 3, and 4. Send at once for my 1912 mating list, which is free.

S. F. SHALLCROSS, : Box 12, Odessa, Delaware

GABHART'S WHITE LEGHORNS

Eggs the remainder of the season from high class exhibition yards, 2.00; 100, \$10.00. Eggs from free range stock, \$1.00; 100, \$4.00. Remember these birds have been line bred 9 years and my show record is unequalled. A few hens and cocks for sale.

W. E. GABHART
Box M, : Bohon, Kentucky



ATLANTIC CITY SHOW—JULY, AUGUST AND SEPT.

The announcement of an annual International Summer Poultry Exposition at Atlantic City, to be conducted by The Poultry Item during the summer of 1912, has aroused such universal interest that its success is already assured. And why should it not? Can you picture in your mind a more ideal place than the Million Dollar Pier, out in the ocean, with millions of people to view the poultrymen's offerings?

It's the first poultry show held on the ocean; it's the first that will surpass in attendance, the combined crowds of all poultry shows in the U. S. A., in an entire season. The average daily admissions taken on the pier show that the attendance is 40,000. Atlantic City, in the summer season, entertains a floating, new population of 150,000 to 175,000 daily.

Many of the world's best breeders will be there. It does not take them long to grasp the advantages presented. The world's leisure class, with money to spend, will be your audience. You will be a poor salesman if you cannot land some juicy orders.

20,000 Square Feet of Fowls.

The concession of 20,000 square feet is a valuable one. We are going to show our faith in the business possibilities by an agreement to have our Editor, Mr. Charles T. Cornman, make the sales for you on a 10 per cent basis. This includes his attendance, office on the pier, distribution of your advertising literature, etc. Doesn't that indicate confidence? If you personally attend and make sales, there will be no charge except the fee for space you may need to display and yard your birds.

Birds Will Be Shown in Pens.

The idea of a Summer Show is a new one, especially a show of such

long duration. We have looked into it from all sides and find that display pens, four females and one male, nicely cooped, with a run, will not only help make the show attractive but will give the birds the necessary room for exercise that the long showing will require to keep them at their best. If birds should go out of condition, permission is granted the exhibitor to change them as often as necessary.

The Cost of Display Space.

The minimum charge for space for the season, June 24th to September 24th, three months, including care and keep is \$25.00. This gives you a space four feet by eight feet. No decorations are included, nor is the cooping very elaborate. The birds will be comfortably housed and protection from the elements is excellent.

Many breeders will want to display their own birds in their own way. Go as far as you like. Buy as many \$25.00 concessions as you will need to build your coop and to set it off after your own notion. Preferred positions are 20 per cent extra.

The Judging and Other Regulations.

The best judges in the country will pass upon your birds. A blue won at Atlantic City will be worth while, because it will be strictly on its merits. We have no interest in this end of the proposition. In fact, we are going to let the exhibitors select the judges, the majority deciding. Of course, it would be bad taste and manifestly out of place to let Editor-Judge Cornman, of The Item, do this work. The list of judges will be announced in a later issue of The Poultry Item. In making your entry, state your preference.

Entries will be open to the world and close June 15th. The show will continue from July 1st to September

24th. Each entry must be accompanied by the necessary fee. This will be a matter for future correspondence—when you receive entry blanks, etc.

You can take all the orders on the pier you can crowd into the day, but, by a strange regulation of everything relating to business on the pier, no money dare change hands except the admission at the door—one fee. The Poultry Item will have an office on the other side of the boardwalk where business can be cleared to your heart's content. Exhibitors will be granted free admission during the entire season. That's worth more than your entrance fee.

The birds will be under the personal care and supervision of Mr. Cornman which assures the exhibitor that every one will be correctly and intelligently housed, fed, cared for and treated in case of sickness.

A Partial List of Prizes.

\$50.00 in gold for the largest and best display; \$25.00 in gold for the second best display; \$15.00 in gold for the third best display; \$10.00 in gold for the fourth best display; \$5.00 in gold for the fifth best display; \$25.00 Silver Cup for the best pen of male and four females; one week's board at one of the best hotels for second best pen of male and four females; one week's board at one of the best hotels for third best pen of male and four females; also many handsome trophies and silver cups.

When completed the list of prizes will be one of the largest and most valuable ever offered for competition at a poultry show in America.

For further information in reference to the Poultry Exhibit, Entry Blanks, Shipping Tags, et., address Charles T. Cornman, Poultry Item, Sellersville, Penn.

S. C. WHITE LEGHORNS

EXCLUSIVELY

"That's My Business."

The finest laying strain on the South Atlantic Coast. I guarantee pure white plumage, good head points and low, full tails, and full compliance with Standard requirements. I have been perfecting this heavy laying strain for eight years.

HAYDEN CLEMENT

Box 246

Salisbury, N. C.

BREEDERS' CARDS

CLASSIFIED ADVERTISING RATE, 2 cents per word, flat, subject to a discount of 10 per cent on yearly contracts amounting to \$6.00 or more. Ads in this department must be paid for in advance.

ANCONAS.

TWENTY MATED PENS. Mating list free of the best Anconas. Ten pens headed by prize winners. Our book tells all. J. O. Somers, Bedford, Ohio. 97

SHENK'S ANCONAS laid all the winter and laying now. 15 eggs, \$1.25; 30, \$2.25; 50, \$3.50. 36-page catalogue free. Clarence Shenk, Luray, Va. 97

SINGLE COMB ANCONAS—The greatest winter layers in the world. Young stock for sale and eggs for hatching. Write for prices and mating list. C. H. Mills, Warren, O. 97

ANCONAS—The twentieth century egg machines; large birds, bred for color and eggs. First prize every show exhibited. Write for mating list. Oakley Home Poultry & Dairy Ranch, Asheboro, N. C. 97

ANCONAS—"Quality, not quantity." Winners and layers of plenty of fine eggs. Reasonable prices on eggs from either of my pens. C. T. Taylor, 612 W. Clinch Ave., Knoxville, Tenn. 98

LAGRONE'S S. C. Mottled Anconas won 1st cockerel, 1st, 2nd and 4th pullets, and 2nd pen, North Mississippi Poultry Show, Miss.-Ala. Fair, 1911. Layers, Show Birds. Eggs \$3.00 for 15. W. F. Lagrone, West Point, Miss. 97

PORTR'S BLUEBELL ANCONAS have the type, size and color that win. Our birds pull the blue at the big shows in the hands of our customers. Try the Bluebells. Circular with photos from life fully explains. S. P. Porter, Mallet Creek, O. 96

OUR ANCONAS are birds of quality; descendants of Madison Square Garden winners. They won for us. Place your order for settings now. \$3.00 and up for 15. Cole & George, 33 West End Place, Atlanta, Ga. 98

ANCONAS. Single Comb. Grand pens of large dark birds. Correctly mottled. Eggs from prize winners, \$3.00 per 15, \$5.00 per 35, or \$10.00 per 100. Eggs from splendid utility birds, \$1.50 per 15, or \$7.00 per 100. Stock for sale. Stamp for circular; no postals. Geo. C. Schwegman, Richmond, Ind. 96

ANDALUSIANS.

BLUE ANDALUSIANS, White Faced Black Spanish and Silver Spangled Hamburgs, finest strains. All first prize winners at Tennessee State Fair, 1910-11. Eggs, \$1.50 per 15. H. R. Birchett, Lebanon, Tenn. 104

BLUE ANDALUSIANS and White Faced Black Spanish stand in a class by themselves as egg producers. We sell eggs from high-class birds. 15 eggs for \$1.65, 30 eggs for \$3.00. Avoid rush by sending order early. A. N. Brown, Woodbury, Tenn. 104

BLUE ANDALUSIANS, America's best. Unexcelled winter layers. Prize winners at Jamestown, Hagerstown, New York, Allentown, Baltimore, Richmond and Washington. Stock and eggs. Cockerels \$2.50 and up. V. H. Councill, Specialist, Warrenton, Va. 96

BANTAMS.

BANTAMS, EGGS. Send 2c stamp for circular. A. A. Fenn, Box I, Delavan, Wis. 97

BANTAMS—Buff and Black Cochins, and Golden Sebrights. 58 ribbons on 64 entries, Nashville, Memphis, Knoxville, Birmingham, Atlanta, 1911. Eggs, \$2.00 per 13. Lewis Culps, 422 Spofford Ave., Pulaski, Tenn. 100

BRAHMAS.

LIGHT BRAHMAS.—Eggs, \$1.40 for 15; \$2.50 for 30. 36-page catalogue free. Clarence Shenk, Luray, Va. 97

BUTTERCUPS.

SICILIAN BUTTERCUPS—Eggs, \$2.00 per setting of fifteen. Could spare one or two trios of ten or eleven months old birds. Box 573, Cleveland, Tenn. 95

BUTTERCUPS, the coming egg breed; 300 eggs a year per hen. Eggs, \$2.00 per 15 up. Send for booklet. L. H. Kelley, Route 4, Mosheim, Tenn. 97

COCHINS.

PARTRIDGE COCHINS, bred to Standard requirements. 15 eggs, \$2.00; 30, \$3.50. 30 other popular breeds in my 36-page catalogue—free. Clarence Shenk, Luray, Va. 97

CORRESPONDENCE SCHOOLS.

HOW TO MAKE POULTRY PAY. For "free tuition courses" by mail in Poultry Culture, Agricultural, Civil Service, Engineering, Normal, High School, Business branches. Address Carnegie College, Rogers, Ohio. 96

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INDIAN RUNNER DUCKS, Cook strain. Eggs, \$1.00 per 13; 50 or more, 5c per egg. Kelly Farm, Cleveland, N. C. 96

WHITE INDIAN RUNNER DUCK eggs from perpetual layers, white eggs: \$3.50 dozen, straight. W. O. Brownfield, Opelika, Ala. 97

FRESH INDIAN RUNNER DUCK eggs, 50 cents per dozen. S. L. Moore, Bulls Gap, Tenn. 96

INDIAN RUNNER DUCK eggs, \$1.00 for 15 eggs. Best stock, Ballard Strain. My eggs hatch. Honest treatment. Mrs. Etta Lemmon, Dandridge, Tenn. 98

WHITE RUNNER EGGS, 15 for \$3.00. No stock for sale. Fawn Runner eggs, one dollar for fifteen, stock \$2.00 each. Munimaker Poultry Farm, Normandy, Tenn. 99

"INDIAN RUNNER DUCK CULTURE." Instructive booklet 10c. A few trios at bargains. Finest laying strains. Price list No. 69 free. Woman's College, Meridian, Miss. 96

INDIAN RUNNER DUCKS. No better laying strain in America. Large, erect, handsome, and breed true to color. 13 eggs, \$1.50. Mrs. A. M. Riggs, LaFollette, Tenn. 100

INDIAN RUNNER EGGS, one dollar per 13. Day-old ducks twenty-five cents, future delivery. Orders now being booked. Fertility of eggs guaranteed. Elliot & Hurdle, Markham, Va. 96

INDIAN RUNNER DUCKS. New Standard Light Fawn and White. Blue ribbon winners; layers of snow white eggs. Eggs, \$1.50 per 13. Mating list free. C. E. Livingston, Bradford, Ohio. 96

INDIAN RUNNERS, (English strain.) Eggs at all times, two dollars per dozen. Also young stock in English and standard exhibition strain for sale. Fred M. Preston, Pine Castle, Fla. 96

INDIAN RUNNERS—Exhibition and utility stock. English imported. Pure white eggs. Lay each day except at moulting. \$1.00, \$2.00, \$3.00 and \$5.00 per dozen. A. P. Burk, Camp Chase, Ohio. 103

INDIAN RUNNER DUCKS. Eggs for sale from Old English, and Light Fawn and White Strains. Pens mated by best experts. For sale, a few choice drakes. Joe H. Broyles, Box 780, Knoxville, Tenn. 98

WHITE INDIAN RUNNER DUCK eggs from Madison Square Garden winners, \$12.00 per dozen; Chicago winners, \$8.00 per dozen; non-winners, \$4.00 per dozen. Clears replaced. Catalogue free. Mack's Poultry Farm, Route 11, Wakeman, Ohio. 96

COOK'S INDIAN RUNNERS, the leading white egg strain of American standard fawn and whites. Extra choice males reasonable. Eggs, 12, \$5.00; 24, \$8.00; 50, \$15.00; 100, \$30.00. Irving E. Cook started thousands of successful breeders during the past twelve years. Circular. Munnsville, N. Y. 96

WHITE INDIAN RUNNER DUCKS. Pure bred original California stock. Prize winners at Indianapolis and Evansville, Ind. Immense layers of pure white eggs at \$3.00 per twelve and \$20.00 per hundred. Eggs from choice stock, all having good Runner type. Eggs from "Wingert Strain" true standard fawn and white, selected breeders, at \$1.00 per twelve. R. L. Edwards, Boonville, Ind. 96

GAMES.

DARK CORNISH.—I have as fine as in the South. First prize pen at Nashville; first, third and fourth at Atlanta. Member of American Cornish Club. Eggs, \$2.00 and \$3.00 per setting. Order now and grow some beautiful birds. H. T. Long, Lavonia, Ga. 98

HAMBURGS.

SILVER SPANGLED HAMBURGS exclusively. Originator "Beauty Spot" strain, spangled all over. Winners Tennessee and Indiana State Fairs, 18 shows. Eggs, \$2.00, \$3.00 for 30. Circular free. Charley Laughlin, Bloomfield, Ind. 100

I NOW OWN "CHAMPION," the best Silver Spangled Hamburg cock ever bred. Sixteen first prizes to his credit, including two firsts at Madison Square. Eggs from this special mating, \$1.00 each. Eggs from first prize winners at Nashville, Atlanta, Chattanooga and elsewhere, \$2.00 to \$5.00 per 15. Send for circular. J. L. LeSueur, Route 10, Nashville, Tenn.

SILVER SPANGLED HAMBURG Eggs, \$4.00 per setting from birds imported from Earby, England. Some of my winnings, 1st and 2d pullet, Madison Square Garden, New York; 1st cockerel, Indianapolis; 1st and 2d pullet, Missouri State Show; 1st hen, 1st pullet, Atlanta, Ga.; 1st pullet, 1st cockerel, Clay Center, Kans.; 1st and 2d cock, 1st and 2d hen, 1st and 2d cockerel, and 1st and 2d pullet, at the great St. Louis show. All 1911 winnings. You can do the same if you buy eggs from me. J. Wohlgemuth, 703 Pine St., St. Louis, Mo. 94

HOUDANS.

HOUDAN EGGS, \$1.25. Utility birds. H. Aune, Baldwin, Wis. 96

HOUDANS from the best exhibition and egg strains in America, and in our pens are winners from the leading shows of the State. Write me your wants. Dr. Leeper, Lenoir City, Tenn. 97

LANGSHANS.

BLACK LANGSHANS.—Two years my birds won 29 of 35 possible firsts. Just won The Industrious Hen Cup. Strictly trap-nest records. Exhibition birds and eggs for sale. James R. Brown, Sweetwater, Tenn. 97

BLACK LANGSHANS. Eggs for hatching from choice pens, (\$3.00) three dollars per fifteen (15). Choice and prize winning cockrels, \$2.00 to \$10.00 each. A few breeding pens for sale, \$35.00 to \$50.00. Arthur T. Morgan, 908 George Street, Chattanooga, Tenn. 99

LEGHORNS.

WHITE LEGHORNS.—500 yearling layers for sale; finest strains; egg producers. Woman's College, Meridian, Miss. 96

ROSE COMB BROWN LEGHORNS.—First prize winners at Missouri and Illinois State Shows, Indianapolis, etc. Selected matings, \$5.00 per 15 eggs; utility eggs, \$5.00 per 100. Send for free booklet on Mammoth Pekin Duck culture. Oscar Wells, Farina, Ill. 96

BROWN LEGHORN eggs at \$2.00 per setting. Good show cockerels at \$2.00 and \$5.00. Utility hens at \$1.00. C. E. Pittman, Commerce, Ga. 98

FOR SALE—Fifty S. C. White Leghorn hens and pullets; Wyckoff direct; now laying; good breeders; \$1.00 each while they last. Mrs. Louis Downer, Guthrie, Ky. 96

S. C. WHITE LEGHORNS, S. C. R. I. Reds, Bred for exhibition and eggs. Eggs, \$1.00 and \$2.00 per 15. Send for mating list. T. H. Westbrook, Magnolia, Ark. 97

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ROSE COMB WHITE LEGHORNS, Elephant strain; always winners; snowy backs. Eggs, pens, 25 cents; range, 100, \$5.00. Satisfaction guaranteed. Matings, testimonials free. Rogers Ranch, Pleasanton, Ia. 96

SPECIALTY BREEDER of Wyckoff's S. C. White Leghorns. Greatest laying strain. Standard qualities. Breeders for sale. Eggs, \$5.00 per 100. Mrs. L. F. Strange, Guthrie, Ky. 96

WINTER LAYING, PRIZE WINNING Buff Leghorns—Good as the best; better than the rest. Fifteen eggs, \$2.00; special price on incubator lots. Woolley's Farm, Route 4, Charlotte, N. C. 98

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S. C. WHITE LEGHORNS exclusively. Wilber's best strain, heavy layers, large and vigorous. Eggs, \$1.00 for 15 from best matings. Stock for sale. Edward Montgomery, Knoxville, Tenn. 96

SINGLE COMB BUFF LEGHORN eggs, \$1.50 and \$3.00 for 15. First prize winners at Nashville and Augusta. No better laying strain bred today. W. W. Evans, Chapel Avenue, Nashville, Tenn. 97

SINGLE COMB WHITE LEGHORNS. Eggs, \$1.00 for 15. Special matings, eggs, \$2.00 for 15. White Holland Turkeys. Eggs, \$3.00 for 10. The Parham Poultry Farm, Roxton, (Lamar Co.,) Tex. 96

SINGLE COMB BUFF LEGHORN eggs for sale. Write for mating list giving prices and history of Buff Leghorns. Book your orders now. Brook Lawn Poultry Yards, Route 2, Brush Creek, Tenn. 98

ROSE COMB BROWN LEGHORNS. Large, strong, healthy stock; great egg producers. Fine show birds. No better blood lines known. Eggs, \$1.50. Mating list free. C. E. Livingston, Bradford, Ohio. 96

SINGLE COMB BLACK LEGHORNS. Our birds are winners and great layers. Descriptive circular free; it's full of information. Write wants. Address The Van Driest Farms, Cedar Grove, Wis. 104

S. C. WHITE LEGHORNS. Cockerels, both Corning and Twining strains, thoroughbreds from bred-to-lay stock, at \$2.50. Corning methods followed. White Leghorns exclusively. J. H. Waring, Hampton, Va. 99

SINGLE COMB BROWN LEGHORNS—exclusive breeder for ten years. Eggs, first prize winners, \$2.00 per setting; \$3.50 per thirty; utility, \$5.00 per hundred. Mrs. Joe Mulligan, St. Joseph's, Ky. 96

WHITE LEGHORNS—200-egg strain. Won at Ashboro first cock, pullet, pen; second cockerel and hen; sweepstakes cock. Open range, exhibition and breeding birds for sale, score 93 to 95. Mapleton Farms, Greensboro, N. C. 97

SEND US \$1.50 and receive on approval one of our fine S. C. White Leghorn cockerels. We won at Atlanta, Chattanooga, Athens, Newnan, etc. Eggs, \$1.50 per fifteen, \$7.50 per 100. Write for descriptive catalog. Cohutta Farm, Dalton, Ga. 94

S. C. WHITE LEGHORNS.—Exhibition or utility hens, one year old, in any quantity from 1 to 700; special low price on lots of 100 or more. No better strain in this country. It will pay you to get our price; we need room. Eggs, \$1.00 per 15, or \$5.00 per 100. The Newlaid Egg Farm, Nicholaville, Ky. 97

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Baby Chicks that live, \$12 per 100; after May 1st, \$10; packed to insure safe delivery. Eggs for hatching, testing high, \$1.25 per 15; \$5.00 per 100; \$40.00 per 1,000. As I am running a mammoth machine and control 1,500 breeding hens, I can supply the above in any quantity. COR- DARLINGTON EGG FARM, Alfred P. Edge, Darlington, Md.

WHITE ORPINGTONS

Special Reduction of $\frac{1}{2}$ On Eggs

AFTER MAY 10th

SUPERB TYPE : SUPERIOR QUALITY

MY BIRDS are absolutely white, of that deep-bodied type, low down on legs, up to weight, and I know I can please you. At the last and greatest show held at Madison Square Garden, I again control the winning male birds. My winnings include First Cock, Third Pen, Fifth Pen, and the Cockerel heading the first pen. The winning cock is without doubt, the greatest White Orpington in the world, having defeated the Crystal Palace champion and all the great cocks of America. These great birds, together with

my other prize winners, places RUSSELL CAVE WHITE ORPINGTONS far in the lead. Both at Allentown and Augusta, the only other two shows I have made this year, I won at each the cup to that exhibitor whose ten or more birds of one variety showed the highest degree of excellency and uniformity of type and breeding. This record of winning in two of the most important poultry shows in this country the cup for the best ten birds has never been equaled by any other breeder in America.

GREAT STAMINA AND VIGOR

Are to be found in my birds not usually found in White Orpingtons. One hundred acres in RUSSELL CAVE POULTRY YARDS and over SEVEN THOUSAND ACRES IN "ELMENDORF FARM." Every bird guaranteed as represented and sold with the privilege of return. Write us today for Catalogue and Mating List which gives full winnings of previous years at Madison Square Garden, Allentown, Kansas City, Baltimore, etc.

OLD ENGLISH SHEEP-DOGS FOR SALE.

Russell Cave Poultry Yards, :: Lexington, Kentucky
ELMENDORF STOCK FARM LOUIS LEE HAGGIN, Proprietor

CATALOGUE FREE

Reduced Price on Stock ^A_N_D Eggs

Grandest winning on Minorcas ever made in the South, winning four firsts and cup on four entries in big Atlanta Show. All eggs now \$2.00 for 15; \$3.50 per 30; \$5.00 per 50; \$8.00 per 100. Barred, Buff and White Rock, Reds, Buff and Black Orpington, single comb Black Minorcas, good breeders, females, \$2.00, males, \$4.00. Bargain in good quality Leghorns, eggs, \$1.50 per 15; \$2.50 per 30; \$4.00 per 50; \$7.00 per 100. Indian Runner Duck eggs, Same price. Leghorn stock—Browns, \$1.50, Whites, \$1.75, males, \$3.00.

SOUTHERN POULTRY FARMS,

LaGrange, Georgia

Single Comb RHODE ISLAND REDS Rose Comb

Our birds are bred from winners and layers. Stock and eggs for sale every month in the year. : : :

MONTE SANO POULTRY YARDS, Augusta, Ga.

M. H. MORRIS, Manager

ORPINGTON GROVE

The birds of the GROVE have won many FIRSTS, SECONDS, etc. Also SPECIALS, SILVER CUPS, etc., under the most famous judges in the Poultry World. They have been handled and PLACED by Judges DREVENSTEDT, WITTMAN, DENNY, COOK, MARSHALL and BROWN. EGGS—\$1.00 each, \$10.00 and \$5.00 setting 15. Write for mating list.

MRS. L. L. UPSON

:

Box 607, Athens, Georgia

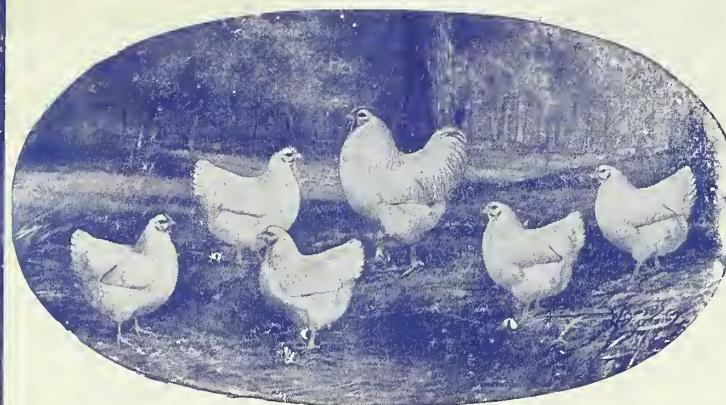
QUALITY WHITE WYANDOTTES AT HALF PRICE

We have a few HIGH CLASS EXHIBITION WHITE WYANDOTTES left, and in order to make room we propose to sell them at just exactly HALF PRICE, a \$20.00 bird for \$10.00, a \$10.00 bird for \$5.00, etc. Every bird guaranteed or money refunded. If you want some TOP NOTCHERS write us, we've got them.

MONTE VISTA POULTRY YARDS,

C. H. Yates, Proprietor,

GREENVILLE, SOUTH CAROLINA

**BEAUTY — UTILITY**

Pleases the Eye

Pleases the Purse

COMBINED THEY PRODUCE SATISFACTION AND SUCCESS

The White Wyandotte

Is the One Breed That Completely FILLS These Requirements

OUR LIFE'S WORK

Has been to produce a dependable strain of this most satisfactory breed. That we have been successful is most clearly demonstrated by the thousands of prizes and trophies captured by our stock in the strongest competition.

OUR CUSTOMERS

Are given the results of our work and may either start a new flock or build up an old flock with stock or eggs that will produce satisfactory results and thus avoid disappointments and discouragements that often cause complete failure.

OUR BREEDING STOCK

IS ALL FARM REARED IN LARGE GRASSY FIELDS. THIS PRODUCES VIM AND VIGOR UNKNOWN IN PARKED BIRDS.

WE CAN SUPPLY

Your every want. Our whole farm is devoted to this one breed and we grow them by the thousands. SEND FOR OUR ILLUSTRATED MATING AND SALE LIST. ITS FREE FOR THE ASKING.

J. C. FISHEL & SON.**Box H, Hope, Indiana**

MECKLENBURG WHITE WYANDOTTES INDEPENDENCE STRAIN

ROYAL WHITE—Headed by first cockerel in first pen Asheboro, N. C. Fair, and four pullets in first pen Asheboro, with four pullets from first pen Hickory Fair, 1911.

WHITE FEATHER—First cockerel Hickory, N. C. Fair, with six pullets mated especially for winning pullets.

PRINCE PERFECTOR—Fifth cockerel at Boston, Mass., 1911 Show, mated to eight hens almost perfect in all points. This mating should produce prize winner cockerels in any show in the South.

PERFECTOR'S SON—First cock Hickory, N. C., 1911 Show, mated to eight hens, four of which were in first pen at above Show. These hens have perfect combs—long back with cushion, and the correct number of feathers on each side the tail. We guarantee this mating to produce prize winners in any large show East or West.

Price of eggs from pens, \$5.00 per 15 eggs. Eggs from Perfectors Son, mating, \$15.00 per 15 eggs. Cash or Postoffice money order to be sent with order.

Mecklenburg White Wyandotte Farm CHARLOTTE, NORTH CAROLINA

WHITE WYANDOTTES

Heavy laying strain. I have one pullet that laid 51 eggs in February and March.

Eggs, one sitting, \$2.50; one hundred, \$10.00.

FELIX CREASY, Lexington, Tenn.

S. C. White MINORCAS

EGGS—\$2.00 per 15

PARTRIDGE WYANDOTTES

EGGS—\$1.50 per 15

IND. RUNNER DUCKS

EGGS—\$1.00 per 13

All Prize Winners Blount County Poultry Show, 1912
W. B. IRWIN

Maryville, Tenn.

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**PLYMOUTH ROCKS BUFF and WHITE**

EXCELSIOR BUFFS...QUEEN QUALITY WHITES

Winners at all the leading Southern shows. Eggs for hatching—\$2.00, \$3.00 and \$5.00 per fifteen. Exhibition and breeding stock for sale. If you want the best and are willing to pay a fair price, get our Mating List. Free on request. The accompanying photo is our First Cockerel, International Poultry Show, Atlanta, class of 28, Poley judge.

EXCELSIOR POULTRY YARDS,**Gadsden, Alabama****White Indian Runners**

Eggs from Winners of Many First Prizes at Many Shows, \$10.00 per Setting of 12.

Have won more prizes than any other Southern breeder this season on my White Indian Runners. Twenty-one prizes out of twenty-five entries, including sixteen firsts, in addition to eleven specials: two cups in competition open to all varieties of Runners. Heavy winnings at Atlanta, Richmond, Charlotte, Knoxville, etc. My birds are true Runner type and lay pure white eggs. Big demand. Order early.

J. C. PATTON, Editor The News,
Charlotte, : : North Carolina

